

Converting Colors

YIQ(237.8150, -0.9170, 0.0990)

Have a look what the booklet for
YIQ(237.8150, -0.9170, 0.0990)
contains.

YIQ(237.8150, -0.9170, 0.0990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YIQ(237.8150, -0.9170,
0.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEEEF
RGB	237, 238, 239
RGB Percent	93%, 93%, 94%
CMY	0.0706, 0.0666, 0.0627
CMYK	0.01, 0.00, 0.00, 0.06
HSL	210°, 6%, 93%
HSV	210°, 1%, 94%
XYZ	81.0794, 85.3857, 93.8682
YIQ	237.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

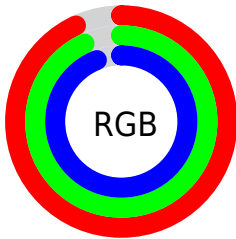
Format	Color
R _Y B	237, 238, 239
Decimal	15593199
CIE Lab	94.05, -0.15, -0.61
CIE LCh	94, 0.627, 256.125
Yxy	85.3857, 0.3114, 0.3280
Android (android.graphics.Color)	4293783279 (0xFFEDEEEF)
YUV	237.8150, 0.5842, -0.7148
Hunter-Lab	92.4044, -5.0845, 4.4538

Details

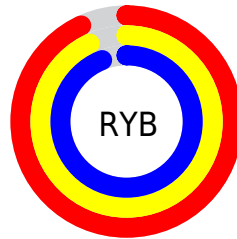
The YIQ color $237.8150, -0.9170, 0.0990$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.1850, 0.9170, -0.0990$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.8150, -0.9170, 0.0990$ is the 20% darker color. If you saturate the color by 10%, you get $223.5950, -11.9210, 1.2870$, and if you desaturate by 10%, it is $250.2410, 6.5110, -2.3610$.

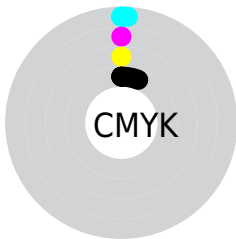
Distribution



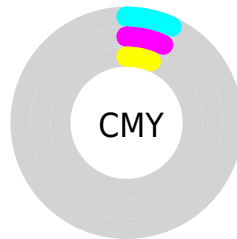
- Red (93%)
- Green (93%)
- Blue (94%)



- Red (93%)
- Yellow (93%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.8150, -0.9170, 0.0990 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 237.8150, -0.9170, 0.0990 by changing the saturation by 10% instead.

■ 237.8150, -0.9170,
0.0990

■ 237.8150, -0.9170,
0.0990

255.0000, -0.0000,
-0.0000

■ 209.8150, -0.9170,
0.0990

■ 181.8150, -0.9170,
0.0990

■ 154.8150, -0.9170,
0.0990

■ 128.8150, -0.9170,
0.0990

■ 103.8150, -0.9170,
0.0990

■ 79.8150, -0.9170,
0.0990

■ 56.8150, -0.9170,

0.0990

■ 35.8150, -0.9170,
0.0990

■ 13.8150, -0.9170,
0.0990

■ 237.8150, -0.9170,
0.0990

■ 237.8150, -0.9170,
0.0990

■ 223.5950,
-11.9210, 1.2870

■ 250.2410, 6.5110,
-2.3610

■ 209.3750,
-22.9250, 2.4750

■ 253.1760, 5.1360,
-4.9760

■ 195.1550,
-33.9290, 3.6630

■ 180.9350,
-44.9330, 4.8510

■ 167.6010,
-55.6160, 5.7280

■ 153.3810,
-66.6200, 6.9160

■ 139.1610,
-77.6240, 8.1040

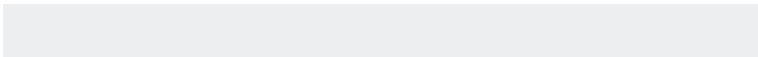
■ 124.9410,
-88.6280, 9.2920

■ 110.7210,
-99.6320, 10.4800

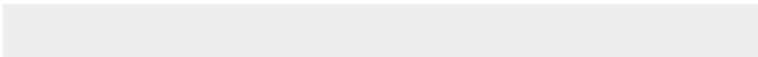
Harmonies

Analogous

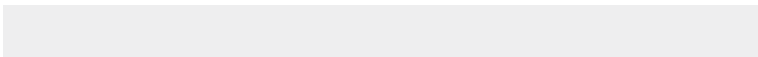
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.8150, -0.9170, 0.0990



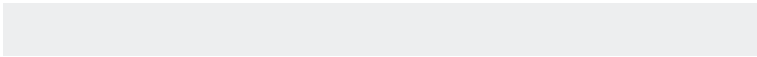
237.8150, -0.9170, 0.0990



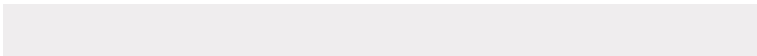
238.1140, -0.3210, 0.3110

Triad

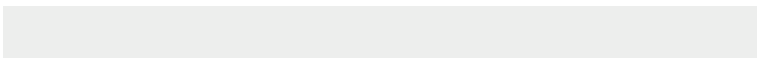
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.8150, -0.9170, 0.0990



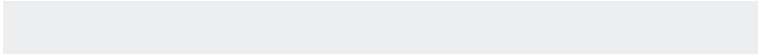
237.7120, 0.8710, 0.7350



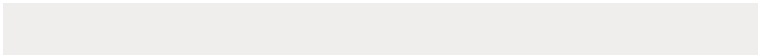
237.5870, -0.2750, -0.5230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



237.8150, -0.9170, 0.0990



238.1850, 0.9170, -0.0990

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.8860, 0.3210, -0.3110



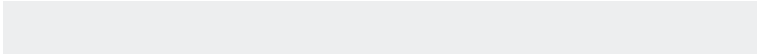
237.8150, -0.9170, 0.0990



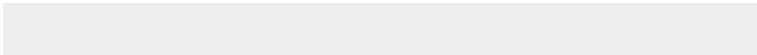
238.1850, 0.9170, -0.0990

Square

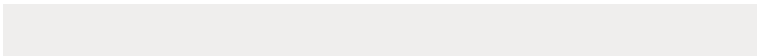
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



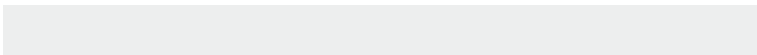
237.8150, -0.9170, 0.0990



238.2990, 0.5960, 0.2120



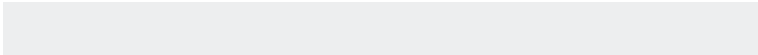
238.1850, 0.9170, -0.0990



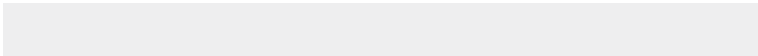
237.7010, -0.5960, -0.2120

Rectangle

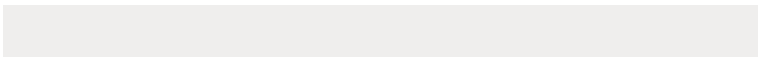
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



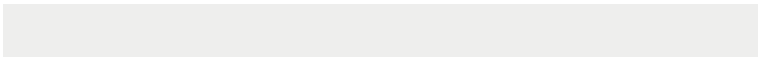
237.8150, -0.9170, 0.0990



238.1140, -0.3210, 0.3110



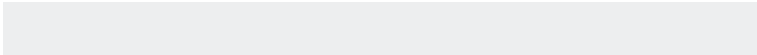
238.1850, 0.9170, -0.0990



237.8860, 0.3210, -0.3110

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



237.8150, -0.9170, 0.0990

255.0000, -0.0000, -0.0000



238.2880, -0.8710, -0.7350



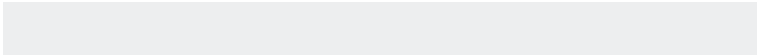
128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

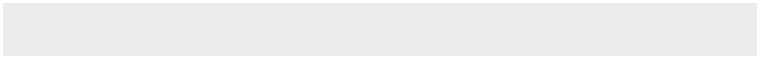
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.8150, -0.9170, 0.0990



253.5160, -1.5130, -0.1130



237.2280, -0.6420, 0.6220



119.1140, -0.3210, 0.3110



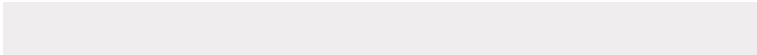
74.9800, -84.3640, 9.1080



22.8200, -25.6760, 2.7720

Inverse Universe

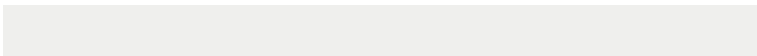
The Inverse Universe completely reimagines the original color for something new.



237.7120, 0.8710, 0.7350



253.1250, 1.1460, 1.2580



238.7720, 0.6420, -0.6220



119.2990, 0.5960, 0.2120



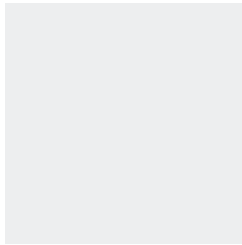
65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 237.8150, -0.9170, 0.0990 looks on a white background.

Color Contrast Check

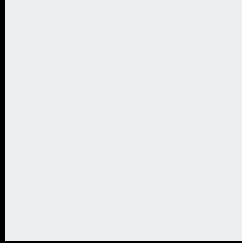
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 237.8150, -0.9170, 0.0990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

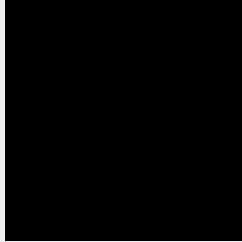
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

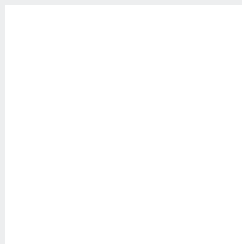
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.8150, -0.9170, 0.0990

Background



This preview shows how black text looks on a background with the YIQ color 237.8150, -0.9170, 0.0990.



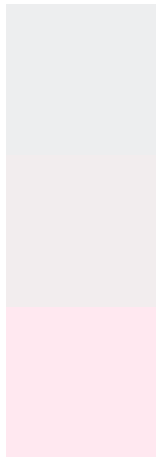
This preview shows how white text looks on a background with the YIQ color 237.8150, -0.9170,

0.0990.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

237.8150, -0.9170, 0.0990

Protanopia

238.6090, 2.6590, 1.3710

Deuteranopia

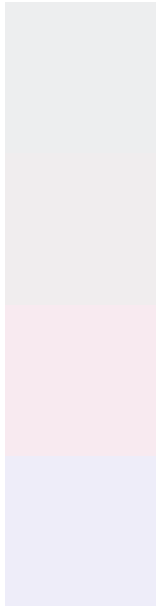
239.7890, 11.1400, 7.3640



Tritanopia

238.9490, -3.9900, 6.2340

Trichromacy



Original Color

237.8150, -0.9170, 0.0990

Protanomaly

238.0110, 1.4670, 0.9470

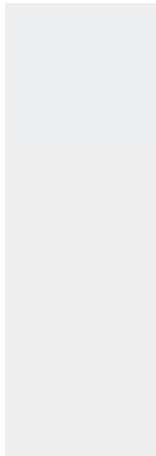
Deuteranomaly

238.8700, 6.4180, 4.8340

Tritanomaly

238.6670, -3.2560, 3.9440

Monochromacy



Original Color

237.8150, -0.9170, 0.0990

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.0000, -0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.8150, -0.9170, 0.0990 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 238, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 238, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 238, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 238, 239) }
```

Border

The CSS property to change the border of an element to YIQ 237.8150, -0.9170, 0.0990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 238, 239) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 238, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 238, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 238, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 238, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 238,  
239) }
```


Background

The CSS property to change the background color of an element to YIQ 237.8150, -0.9170, 0.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 238, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
238, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor