

Converting Colors

YIQ(233.9290, -1.2380, 0.4100)

Have a look what the booklet for
YIQ(233.9290, -1.2380, 0.4100)
contains.

YIQ(233.9290, -1.2380, 0.4100)	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(233.9290, -1.2380,
0.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EAEC
RGB	233, 234, 236
RGB Percent	91%, 92%, 93%
CMY	0.0863, 0.0823, 0.0745
CMYK	0.01, 0.01, 0.00, 0.07
HSL	220°, 7%, 92%
HSV	220°, 1%, 93%
XYZ	78.1672, 82.2255, 91.1069
YIQ	233.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

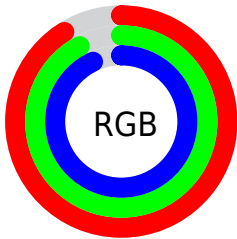
Format	Color
R _Y B	233, 234, 236
Decimal	15330028
CIE Lab	92.67, 0.03, -1.09
CIE LCh	93, 1.094, 271.499
Yxy	82.2255, 0.3108, 0.3269
Android (android.graphics.Color)	4293520108 (0xFFE9EAEC)
YUV	233.9290, 1.0210, -0.8147
Hunter-Lab	90.6783, -4.8150, 3.9046

Details

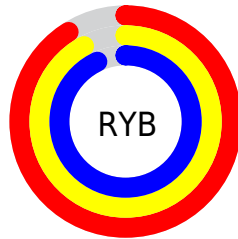
The YIQ color $233.9290, -1.2380, 0.4100$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.0710, 1.2380, -0.4100$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.9290, -1.2380, 0.4100$ is the 20% darker color. If you saturate the color by 10%, you get $217.3610, -11.1420, 3.6900$, and if you desaturate by 10%, it is $249.8990, 7.4740, -3.2940$.

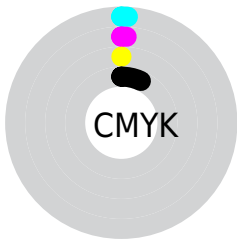
Distribution



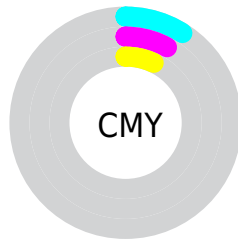
- Red (91%)
- Green (92%)
- Blue (93%)



- Red (91%)
- Yellow (92%)
- Blue (93%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.9290, -1.2380, 0.4100 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 233.9290, -1.2380, 0.4100 by changing the saturation by 10% instead.

■ 233.9290, -1.2380,
0.4100

■ 233.9290, -1.2380,
0.4100

255.0000, -0.0000,
-0.0000

■ 205.9290, -1.2380,
0.4100

■ 177.9290, -1.2380,
0.4100

■ 151.8150, -0.9170,
0.0990

■ 125.9290, -1.2380,
0.4100

■ 100.9290, -1.2380,
0.4100

■ 76.9290, -1.2380,
0.4100

■ 53.9290, -1.2380,

0.4100

■ 32.8150, -0.9170,
0.0990

■ 9.9290, -1.2380,
0.4100

■ 233.9290, -1.2380,
0.4100

■ 233.9290, -1.2380,
0.4100

■ 217.3610,
-11.1420, 3.6900

■ 249.8990, 7.4740,
-3.2940

■ 201.6790,
-20.7250, 6.6590

■ 252.8340, 6.0990,
-5.9090

■ 185.1110,
-30.6290, 9.9390

■ 168.8420,
-39.9370, 13.4310

■ 152.8610,
-50.1160, 16.1880

■ 136.2930,
-60.0200, 19.4680

■ 120.0240,
-69.3280, 22.9600

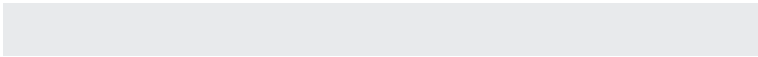
■ 103.4560,
-79.2320, 26.2400

■ 87.7740, -88.8150,
29.2090

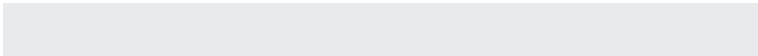
Harmonies

Analogous

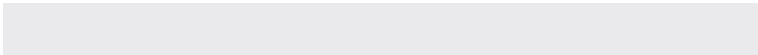
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.6300, -1.8340, 0.1980



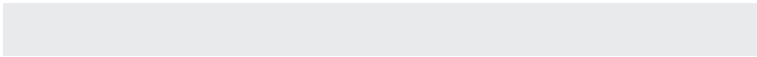
233.9290, -1.2380, 0.4100



234.2280, -0.6420, 0.6220

Triad

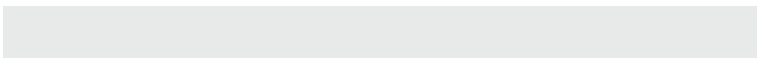
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.9290, -1.2380, 0.4100



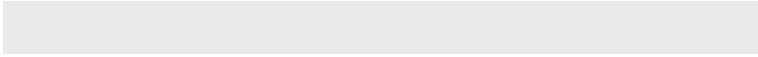
233.8970, 1.7880, 0.6360



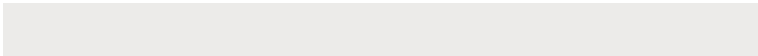
233.2880, -0.8710, -0.7350

Complementary

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



233.9290, -1.2380, 0.4100



235.0710, 1.2380, -0.4100

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.



233.7720, 0.6420, -0.6220



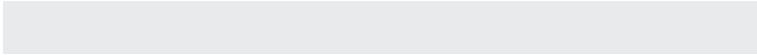
233.9290, -1.2380, 0.4100



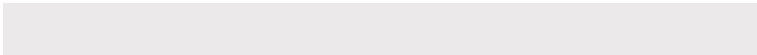
234.3700, 1.8340, -0.1980

Square

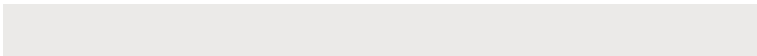
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.9290, -1.2380, 0.4100



234.0110, 1.4670, 0.9470



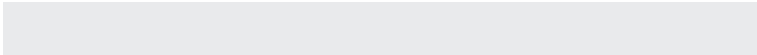
234.0710, 1.2380, -0.4100



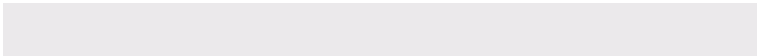
233.9890, -1.4670, -0.9470

Rectangle

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



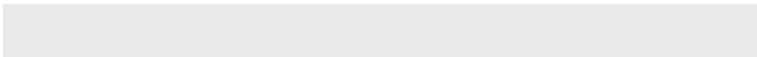
233.9290, -1.2380, 0.4100



233.8260, 0.5500, 1.0460



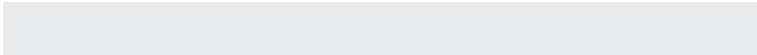
234.0710, 1.2380, -0.4100



233.5870, -0.2750, -0.5230

Sweetspot

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



233.9290, -1.2380, 0.4100

255.0000, -0.0000, -0.0000



234.9890, -1.4670, -0.9470



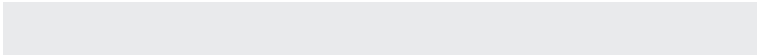
128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

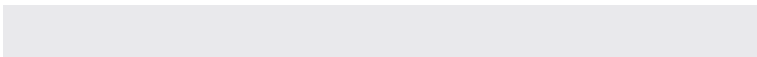
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.9290, -1.2380, 0.4100



251.7440, -2.1550, 0.5090



233.3420, -0.9630, 0.9330



115.8150, -0.9170, 0.0990



56.4410, -74.8760, 24.3880



16.7220, -22.2840, 7.3800

Inverse Universe

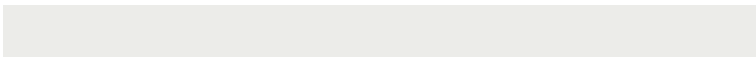
The Inverse Universe completely reimagines the original color for something new.



234.0110, 1.4670, 0.9470



251.7230, 2.3380, 1.6820



235.6580, 0.9630, -0.9330



115.7120, 0.8710, 0.7350



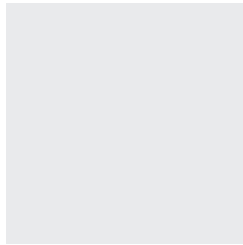
61.0730, 88.2950, 57.3430



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 233.9290, -1.2380, 0.4100 looks on a white background.

Color Contrast Check

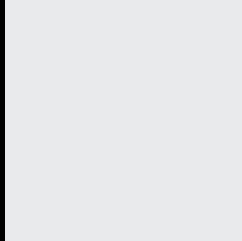
Large Text (above 18pt) WCAG AA × Fail

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 233.9290, -1.2380, 0.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

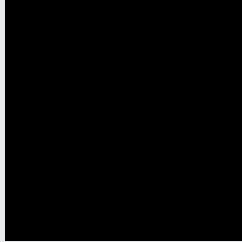
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

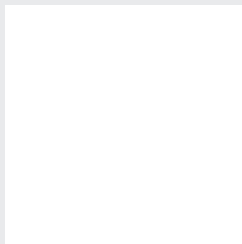
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.9290, -1.2380, 0.4100

Background



This preview shows how black text looks on a background with the YIQ color 233.9290, -1.2380, 0.4100.



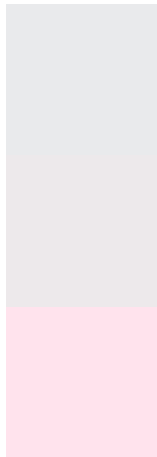
This preview shows how white text looks on a background with the YIQ color 233.9290, -1.2380,

0.4100.

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

233.9290, -1.2380, 0.4100

Protanopia

234.4240, 1.7420, 1.4700

Deuteranopia

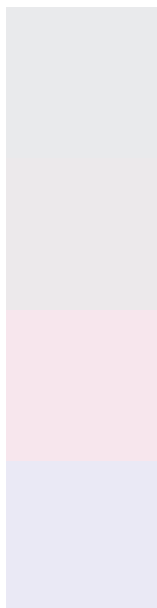
236.5120, 13.4780, 9.0460



Tritanopia

234.9490, -3.9900, 6.2340

Trichromacy



Original Color

233.9290, -1.2380, 0.4100

Protanomaly

234.1250, 1.1460, 1.2580

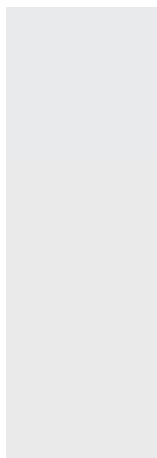
Deuteranomaly

235.8810, 7.8850, 5.7810

Tritanomaly

234.6670, -3.2560, 3.9440

Monochromacy



Original Color

233.9290, -1.2380, 0.4100

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

234.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.9290, -1.2380, 0.4100 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(233, 234, 236)` looks like.

```
.text, #text, p{  
    color:rgb(233, 234, 236)  
}
```

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(233, 234, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 234, 236) }
```

Border

The CSS property to change the border of an element to YIQ 233.9290, -1.2380, 0.4100 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(233, 234, 236) }
```

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

```
.border{ border-color:rgb(233, 234, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 234, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 234,  
236) }
```


Background

The CSS property to change the background color of an element to YIQ 233.9290, -1.2380, 0.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 234, 236) }
```

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

```
.background{ background-color: rgb(233,  
234, 236) }
```

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](#).

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