

Converting Colors

YIQ(238.4990, -2.8430, 1.9650)

Have a look what the booklet for
YIQ(238.4990, -2.8430, 1.9650)
contains.

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Color

**YIQ(238.4990, -2.8430,
1.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEF5
RGB	237, 238, 245
RGB Percent	93%, 93%, 96%
CMY	0.0706, 0.0666, 0.0392
CMYK	0.03, 0.03, 0.00, 0.04
HSL	232°, 29%, 95%
HSV	232°, 3%, 96%
XYZ	81.9807, 85.7463, 98.6126
YIQ	238.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

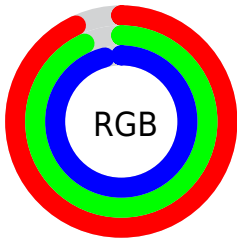
Format	Color
RYB	237, 238, 245
Decimal	15593205
CIELab	94.20, 0.93, -3.50
CIElCh	94, 3.619, 284.948
Yxy	85.7463, 0.3078, 0.3219
Android (android.graphics.Color)	4293783285 (0xFFEDEF5)
YUV	238.4990, 3.2050, -1.3146
Hunter-Lab	92.5993, -4.0178, 1.6792

Details

The YIQ color $238.4990, -2.8430, 1.9650$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.5010, 2.8430, -1.9650$, 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 $182.4990, -2.8430, 1.9650$ is the 20% darker color. If you saturate the color by 10%, you get $218.9960, -11.3720, 7.8600$, and if you desaturate by 10%, it is $253.8600, 3.2100, -3.1100$.

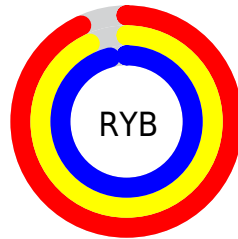
Distribution



Red (93%)

Green (93%)

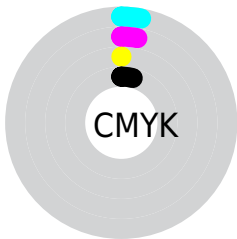
Blue (96%)



Red (93%)

Yellow (93%)

Blue (96%)

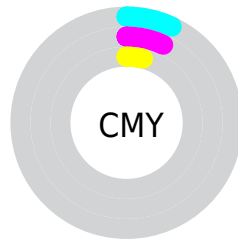


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.4990, -2.8430, 1.9650 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 238.4990, -2.8430, 1.9650 by changing the saturation by 10% instead.

■ 238.4990, -2.8430,
1.9650

■ 238.4990, -2.8430,
1.9650

255.0000, -0.0000,
-0.0000

■ 210.4990, -2.8430,
1.9650

■ 182.4990, -2.8430,
1.9650

■ 155.4990, -2.8430,
1.9650

■ 129.4990, -2.8430,
1.9650

■ 104.3850, -2.5220,
1.6540

■ 80.3850, -2.5220,
1.6540

■ 57.3850, -2.5220,

1.6540

■ 36.2710, -2.2010,
1.3430

■ 14.4990, -2.8430,
1.9650

■ 238.4990, -2.8430,
1.9650

■ 238.4990, -2.8430,
1.9650

■ 218.9960,
-11.3720, 7.8600

■ 253.8600, 3.2100,
-3.1100

■ 198.6070,
-20.2220, 14.0660

■ 179.1040,
-28.7510, 19.9610

■ 158.7150,
-37.6010, 26.1670

■ 139.2120,
-46.1300, 32.0620

■ 118.8230,
-54.9800, 38.2680

■ 99.3200, -63.5090,
44.1630

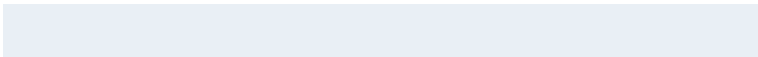
■ 79.5180, -72.6340,
49.8460

■ 59.4280, -80.8880,
56.2640

Harmonies

Analogous

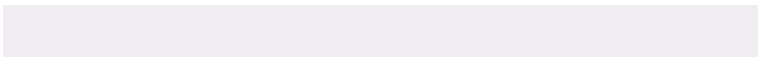
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.8900, -5.5020, 0.5940



238.4990, -2.8430, 1.9650



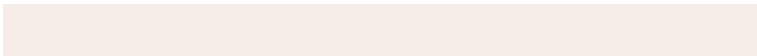
238.8800, 0.4580, 2.7140

Triad

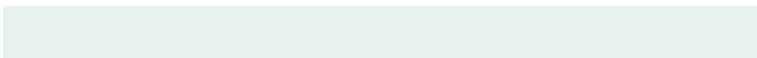
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.4990, -2.8430, 1.9650



239.2350, 6.6480, 0.6640



237.1520, -3.4840, -2.9400

Complementary

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



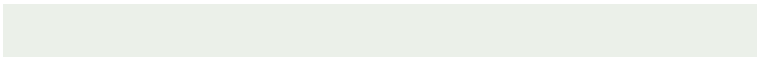
238.4990, -2.8430, 1.9650



243.5010, 2.8430, -1.9650

Split Complementary

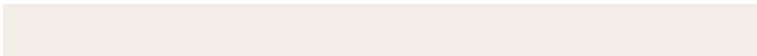
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.7070, -0.7330, -3.2370



238.4990, -2.8430, 1.9650



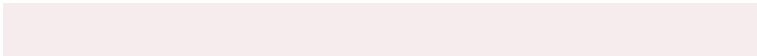
238.2240, 5.1810, -0.2830

Square

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



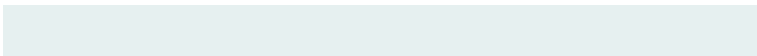
238.4990, -2.8430, 1.9650



239.1040, 5.6390, 2.4310



238.2020, 2.2470, -2.1770



237.0100, -5.9600, -2.1200

Rectangle

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



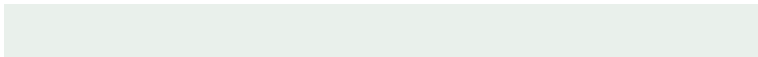
238.4990, -2.8430, 1.9650



238.9620, 3.1630, 3.2510



238.2020, 2.2470, -2.1770



237.3370, -2.5670, -3.0390

Sweetspot

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



238.4990, -2.8430, 1.9650



252.9290, -1.2380, 0.4100



242.4940, -4.4470, -2.0070



126.2280, -0.6420, 0.6220



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



238.4990, -2.8430, 1.9650



246.7270, -3.4850, 2.5870



238.8090, -0.7800, 3.1240



117.2710, -2.2010, 1.3430



34.7050, -66.0310, 45.8170



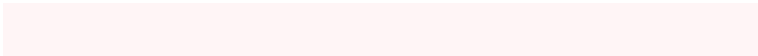
10.8350, -20.8640, 14.6880

Inverse Universe

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



239.5060, 4.4470, 2.0070



248.1040, 5.6390, 2.4310



243.1910, 0.7800, -3.1240



117.9080, 3.2550, 1.5830



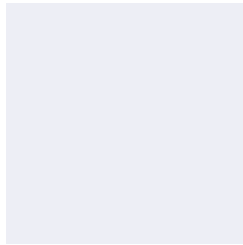
58.2360, 103.4730, 46.5850



18.4390, 32.9170, 14.6850

Previews

White Background



This preview shows how the YIQ color 238.4990, -2.8430, 1.9650 looks on a white background.

Color Contrast Check

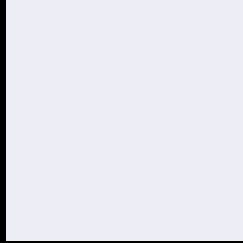
Large Text (above 18pt) WCAG AA × Fail

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 238.4990, -2.8430, 1.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

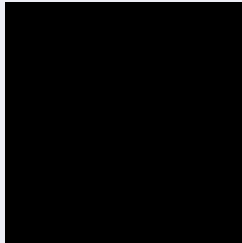
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

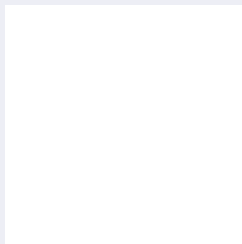
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.4990, -2.8430, 1.9650

Background



This preview shows how black text looks on a background with the YIQ color 238.4990, -2.8430, 1.9650.



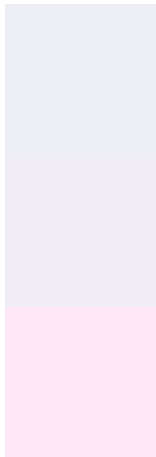
This preview shows how white text looks on a background with the YIQ color 238.4990, -2.8430,

1.9650.

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

238.4990, -2.8430, 1.9650

Protanopia

238.9940, 0.1370, 3.0250

Deuteranopia

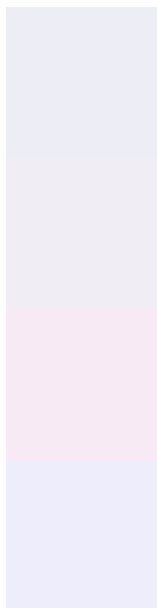
240.3590, 9.5350, 8.9190



Tritanopia

239.0630, -4.3110, 6.5450

Trichromacy



Original Color

238.4990, -2.8430, 1.9650

Protanomaly

238.6950, -0.4590, 2.8130

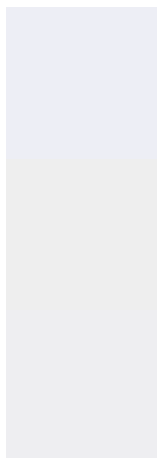
Deuteranomaly

239.4400, 4.8130, 6.3890

Tritanomaly

238.8950, -3.8980, 4.5660

Monochromacy



Original Color

238.4990, -2.8430, 1.9650

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.3420, -0.9630, 0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.4990, -2.8430, 1.9650 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(237, 238, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 238, 245) }
```

Border

The CSS property to change the border of an element to YIQ 238.4990, -2.8430, 1.9650 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, 245) }
```


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

```
.border{ border-color:rgb(237, 238, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(237, 238,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 238.4990, -2.8430, 1.9650 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, 245) }
```

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

```
.background{ background-color: rgb(237,  
238, 245) }
```

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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