

Converting Colors

YIQ(233.8030, -0.6430, 6.1490)

Have a look what the booklet for
YIQ(233.8030, -0.6430, 6.1490)
contains.

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Color

**YIQ(233.8030, -0.6430,
6.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6F5
RGB	237, 230, 245
RGB Percent	93%, 90%, 96%
CMY	0.0706, 0.0980, 0.0392
CMYK	0.03, 0.06, 0.00, 0.04
HSL	268°, 43%, 93%
HSV	268°, 6%, 96%
XYZ	79.7042, 81.1900, 97.8537
YIQ	233.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

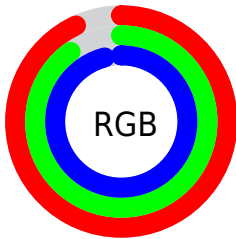
Format	Color
R_{YB}	237, 230, 245
Decimal	15591157
CIE Lab	92.22, 5.05, -6.43
CIE LCh	92, 8.175, 308.184
Yxy	81.1900, 0.3080, 0.3138
Android (android.graphics.Color)	4293781237 (0xFFE6F5)
YUV	233.8030, 5.5201, 2.8038
Hunter-Lab	90.1055, 0.2101, -1.3145

Details

The YIQ color $233.8030, -0.6430, 6.1490$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.1970, 0.6430, -6.1490$, 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 $178.3900, -0.9180, 5.6260$ is the 20% darker color. If you saturate the color by 10%, you get $215.8280, -1.7910, 15.9450$, and if you desaturate by 10%, it is $252.3650, 0.2300, -4.1700$.

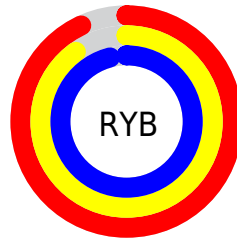
Distribution



Red (93%)

Green (90%)

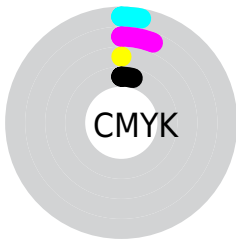
Blue (96%)



Red (93%)

Yellow (90%)

Blue (96%)

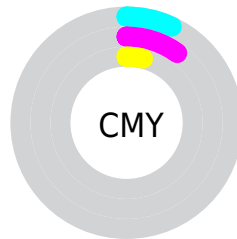


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (10%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.8030, -0.6430, 6.1490 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 233.8030, -0.6430, 6.1490 by changing the saturation by 10% instead.

233.8030, -0.6430,
6.1490

233.8030, -0.6430,
6.1490

255.0000, -0.0000,
-0.0000

205.8030, -0.6430,
6.1490

178.3900, -0.9180,
5.6260

151.3900, -0.9180,
5.6260

125.3900, -0.9180,
5.6260

100.2760, -0.5970,
5.3150

76.8630, -0.8720,
4.7920

53.8630, -0.8720,

4.7920

■ 32.7490, -0.5510,
4.4810

■ 9.5150, 0.2280,
6.8840

■ 233.8030, -0.6430,
6.1490

■ 233.8030, -0.6430,
6.1490

■ 215.8280, -1.7910,
15.9450

■ 252.3650, 0.2300,
-4.1700

■ 197.2660, -2.6640,
26.2640

■ 253.8600, 3.2100,
-3.1100

■ 179.2910, -3.8120,
36.0600

■ 160.7290, -4.6850,
46.3790

■ 142.7540, -5.8330,
56.1750

■ 124.1920, -6.7060,
66.4940

■ 106.2170, -7.8540,
76.2900

■ 87.6550, -8.7270,
86.6090

■ 69.6800, -9.8750,
96.4050

Harmonies

Analogous

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



232.9160, -8.3910, 3.3930



233.8030, -0.6430, 6.1490



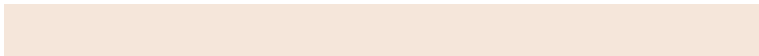
234.3370, 6.6010, 7.0250

Triad

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



233.8030, -0.6430, 6.1490



233.1170, 12.7920, -0.5520



229.8950, -13.0660, -5.4980

Complementary

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



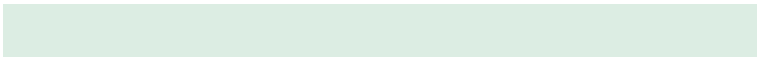
233.8030, -0.6430, 6.1490



241.1970, 0.6430, -6.1490

Split Complementary

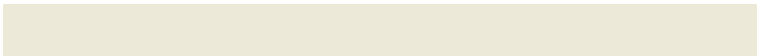
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.7770, -6.9220, -6.7140



233.8030, -0.6430, 6.1490



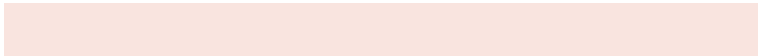
232.3720, 7.5200, -4.1280

Square

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



233.8030, -0.6430, 6.1490



233.7090, 14.1210, 2.8970



231.1970, 0.6430, -6.1490



230.6930, -15.3130, -3.3210

Rectangle

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



233.8030, -0.6430, 6.1490



234.8490, 10.9110, 6.0070



231.1970, 0.6430, -6.1490



230.1510, -10.9110, -6.0070

Sweetspot

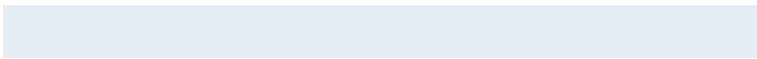
The Sweet Spot groups the original color and five complimentary colors.



233.8030, -0.6430, 6.1490



251.1680, -0.4130, 1.9790



236.4060, -7.0150, 0.4810



125.6410, -0.3670, 1.1450



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.



233.8030, -0.6430, 6.1490



241.4440, -1.0100, 7.2940



235.8960, 3.5290, 7.6330



115.2220, -0.5050, 3.6470



47.2170, -7.8540, 76.2900



14.7990, -2.8470, 24.0730

Inverse Universe

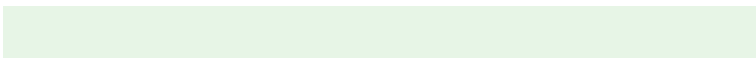
The Inverse Universe completely reimagines the original color for something new.



235.3970, 6.3720, 5.6680



243.5220, 7.5180, 6.9260



239.1040, -3.5290, -7.6330



116.2610, 3.7590, 3.4630



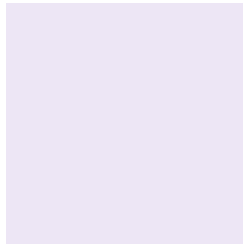
66.9000, 79.0770, 70.2210



21.1750, 25.2130, 22.1490

Previews

White Background



This preview shows how the YIQ color 233.8030, -0.6430, 6.1490 looks on a white background.

Color Contrast Check

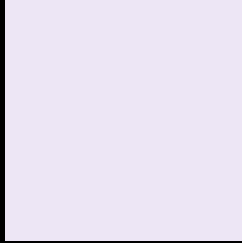
Large Text (above 18pt) WCAG AA × Fail

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 233.8030, -0.6430, 6.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

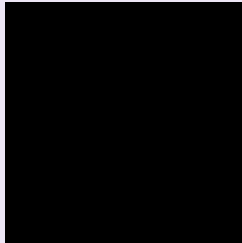
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.8030, -0.6430, 6.1490

Background



This preview shows how black text looks on a background with the YIQ color 233.8030, -0.6430, 6.1490.



This preview shows how white text looks on a background with the YIQ color 233.8030, -0.6430,

6.1490.

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

233.8030, -0.6430, 6.1490

Protanopia

233.3080, -3.6230, 5.0890

Deuteranopia

235.1570, 7.2880, 11.0960



Tritanopia

234.1450, -1.6060, 7.0820

Trichromacy



Original Color

233.8030, -0.6430, 6.1490

Protanomaly

233.6070, -3.0270, 5.3010

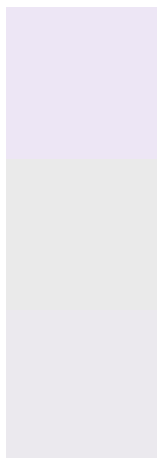
Deuteranomaly

234.5480, 4.6290, 9.7250

Tritanomaly

234.0310, -1.2850, 6.7710

Monochromacy



Original Color

233.8030, -0.6430, 6.1490

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

234.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.8030, -0.6430, 6.1490 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, 230, 245)` looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 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, 230, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 245) }
```

Border

The CSS property to change the border of an element to YIQ 233.8030, -0.6430, 6.1490 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, 230, 245) }
```


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

```
.border{ border-color:rgb(237, 230, 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, 230, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 245);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 233.8030, -0.6430, 6.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 245) }
```

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

```
.background{ background-color: rgb(237,  
230, 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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