

Converting Colors

YIQ(220.2350, 6.6480, 0.6640)

Have a look what the booklet for
YIQ(220.2350, 6.6480, 0.6640)
contains.

YIQ(220.2350, 6.6480, 0.6640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(220.2350, 6.6480,
0.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DAD6
RGB	227, 218, 214
RGB Percent	89%, 85%, 84%
CMY	0.1098, 0.1451, 0.1607
CMYK	0.00, 0.04, 0.06, 0.11
HSL	18°, 19%, 86%
HSV	18°, 6%, 89%
XYZ	68.8891, 71.3279, 73.7602
YIQ	220.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

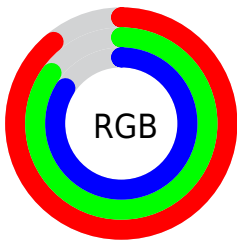
Format	Color
R _Y B	227, 220, 214
Decimal	14932694
CIE Lab	87.64, 2.39, 3.05
CIE LCh	88, 3.872, 51.876
Yxy	71.3279, 0.3219, 0.3333
Android (android.graphics.Color)	4293122774 (0xFFE3DAD6)
YUV	220.2350, -3.0739, 5.9329
Hunter-Lab	84.4559, -2.1987, 7.3377

Details

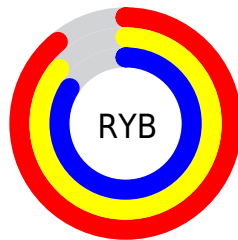
The YIQ color $220.2350, 6.6480, 0.6640$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $220.7650, -6.6480, -0.6640$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.2350, 6.6480, 0.6640$ is the 20% darker color. If you saturate the color by 10%, you get $208.2210, 18.4310, 1.8790$, and if you desaturate by 10%, it is $232.2490, -5.1350, -0.5510$.

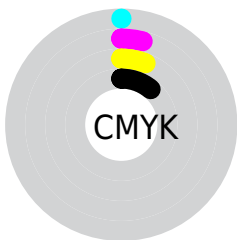
Distribution



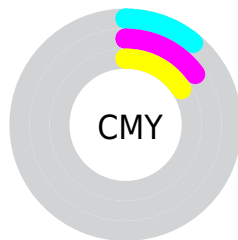
- Red (89%)
- Green (85%)
- Blue (84%)



- Red (89%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2350, 6.6480, 0.6640 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 220.2350, 6.6480, 0.6640 by changing the saturation by 10% instead.

■ 220.2350, 6.6480,
0.6640

■ 220.2350, 6.6480,
0.6640

255.0000, -0.0000,
-0.0000

■ 192.2350, 6.6480,
0.6640

■ 165.2350, 6.6480,
0.6640

■ 138.9360, 6.0520,
0.4520

■ 113.6370, 5.4560,
0.2400

■ 89.0500, 5.7310,
0.7630

■ 65.7510, 5.1350,
0.5510

■ 43.7510, 5.1350,

0.5510

■ 23.3380, 4.8600,
0.0280

■ 0.0000, 0.0000,
0.0000

■ 220.2350, 6.6480,
0.6640

■ 220.2350, 6.6480,
0.6640

■ 208.2210, 18.4310,
1.8790

■ 232.2490, -5.1350,
-0.5510

■ 196.9080, 29.6180,
2.8820

■ 243.1060,
-15.0380, -2.7980

■ 184.8940, 41.4010,
4.0970

■ 246.6280,
-16.6880, -5.9360

■ 172.8800, 53.1840,
5.3120

■ 160.9800, 64.6460,
6.8380

■ 149.5530, 76.1540,
7.5300

■ 137.5390, 87.9370,
8.7450

■ 125.5250, 99.7200,
9.9600

■ 113.6250,
111.1820, 11.4860

Harmonies

Analogous

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



220.2890, 6.5560, 2.3320



220.2350, 6.6480, 0.6640



219.6970, 5.2270, -1.1170

Triad

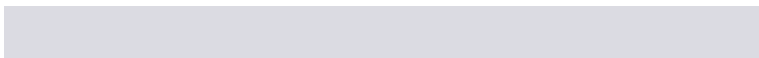
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.2350, 6.6480, 0.6640



218.5540, -4.6760, -3.3640



219.7980, -2.2470, 2.1770

Complementary

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



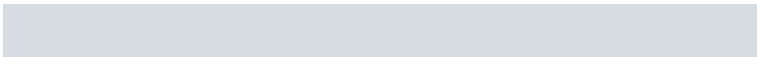
220.2350, 6.6480, 0.6640



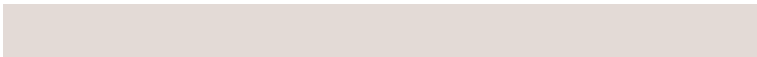
220.7650, -6.6480, -0.6640

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.



219.3030, -5.2270, 1.1170



220.2350, 6.6480, 0.6640



218.7110, -6.5560, -2.3320

Square

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



220.2350, 6.6480, 0.6640



218.8210, -1.0540, -2.9260



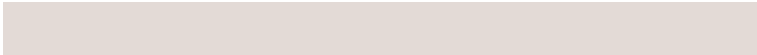
218.7650, -6.6480, -0.6640



220.4780, 1.6500, 3.1380

Rectangle

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



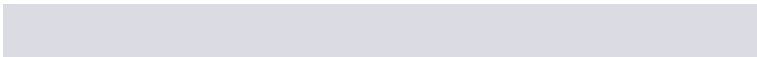
220.2350, 6.6480, 0.6640



219.3870, 3.1640, -2.2760



218.7650, -6.6480, -0.6640



219.6130, -3.1640, 2.2760

Sweetspot

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



220.2350, 6.6480, 0.6640



252.0820, 2.7050, 0.5370



218.9130, 4.8590, 5.5550



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



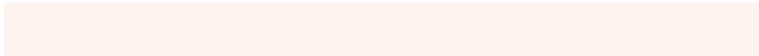
128.0000, -0.0000, -0.0000

Same Dimension

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



220.2350, 6.6480, 0.6640



245.9040, 9.0780, 0.6780



223.7570, 4.9980, -2.4740



109.8650, 4.8140, 0.8620



85.8060, 91.5590, 9.1830



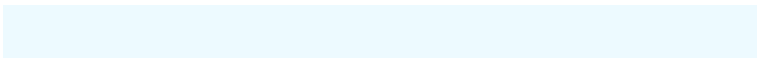
24.6410, 25.9960, 2.4440

Inverse Universe

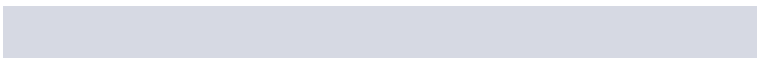
The Inverse Universe completely reimagines the original color for something new.



220.7650, -6.6480, -0.6640



246.6830, -9.3530, -1.2010



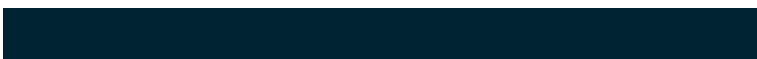
217.2430, -4.9980, 2.4740



110.5480, -4.5390, -0.3390



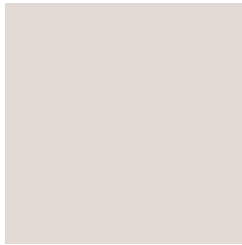
93.1940, -91.5590, -9.1830



26.3590, -25.9960, -2.4440

Previews

White Background



This preview shows how the YIQ color 220.2350, 6.6480, 0.6640 looks on a white background.

Color Contrast Check

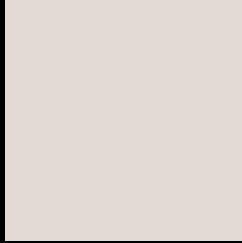
Large Text (above 18pt) WCAG AA × Fail

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 220.2350, 6.6480, 0.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

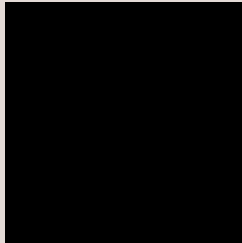
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

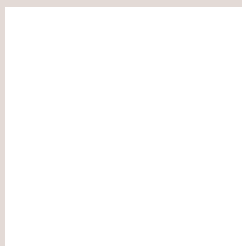
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.2350, 6.6480, 0.6640

Background



This preview shows how black text looks on a background with the YIQ color 220.2350, 6.6480, 0.6640.



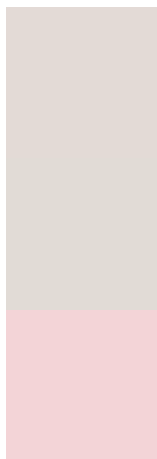
This preview shows how white text looks on a background with the YIQ color 220.2350, 6.6480,

0.6640.

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

220.2350, 6.6480, 0.6640

Protanopia

220.2240, 5.1810, -0.2830

Deuteranopia

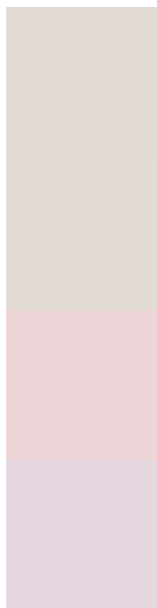
221.6110, 17.5130, 7.5050



Tritanopia

221.4230, 3.4830, 8.4670

Trichromacy



Original Color

220.2350, 6.6480, 0.6640

Protanomaly

220.5230, 5.7770, -0.0710

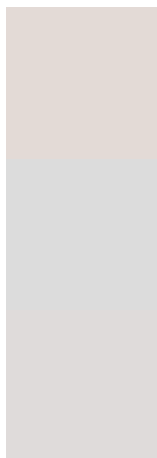
Deuteranomaly

220.9910, 13.3870, 5.1870

Tritanomaly

220.9130, 4.8590, 5.5550

Monochromacy



Original Color

220.2350, 6.6480, 0.6640

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2350, 6.6480, 0.6640 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(227, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 214)  
}
```

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(227, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 214) }
```

Border

The CSS property to change the border of an element to YIQ 220.2350, 6.6480, 0.6640 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(227, 218, 214) }
```


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

```
.border{ border-color:rgb(227, 218, 214) }
```

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

Here you see how a box with a 4 pixel rgb(227, 218, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2350, 6.6480, 0.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 214) }
```

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

```
.background{ background-color: rgb(227,  
218, 214) }
```

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