

Converting Colors

YIQ(214.4650, 11.6920, -2.6440)

Have a look what the booklet for
YIQ(214.4650, 11.6920, -2.6440)
contains.

YIQ(214.4650, 11.6920, -2.6440)	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(214.4650, 11.6920,
-2.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5C5
RGB	224, 213, 197
RGB Percent	88%, 84%, 77%
CMY	0.1215, 0.1647, 0.2274
CMYK	0.00, 0.05, 0.12, 0.12
HSL	36°, 30%, 83%
HSV	36°, 12%, 88%
XYZ	64.6146, 67.4660, 62.4490
YIQ	214.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

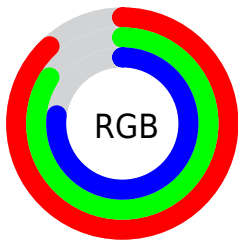
Format	Color
R _Y B	216, 224, 197
Decimal	14734789
CIE Lab	85.74, 1.11, 9.24
CIE LCh	86, 9.309, 83.124
Yxy	67.4660, 0.3322, 0.3468
Android (android.graphics.Color)	4292924869 (0xFFE0D5C5)
YUV	214.4650, -8.6102, 8.3622
Hunter-Lab	82.1377, -3.3218, 12.4184

Details

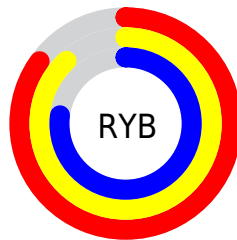
The YIQ color $214.4650, 11.6920, -2.6440$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.5350, -11.6920, 2.6440$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.8860, 0.3210, -0.3110$, and $159.5790, 11.3710, -2.3330$ is the 20% darker color. If you saturate the color by 10%, you get $206.6740, 21.2290, -4.7790$, and if you desaturate by 10%, it is $222.2560, 2.1550, -0.5090$.

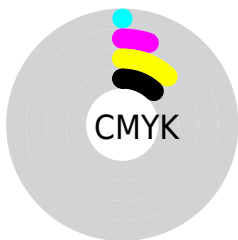
Distribution



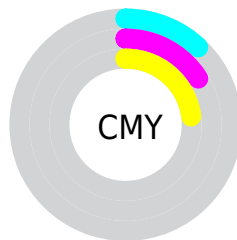
- Red (88%)
- Green (84%)
- Blue (77%)



- Red (85%)
- Yellow (88%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4650, 11.6920, -2.6440 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 214.4650, 11.6920, -2.6440 by changing the saturation by 10% instead.

■ 214.4650, 11.6920,
-2.6440

■ 214.4650, 11.6920,
-2.6440

255.0000, -0.0000,
-0.0000

■ 186.5790, 11.3710,
-2.3330

254.8860, 0.3210,
-0.3110

■ 159.5790, 11.3710,
-2.3330

■ 133.3940, 10.4540,
-2.2340

■ 108.0950, 9.8580,
-2.4460

■ 84.0950, 9.8580,
-2.4460

■ 60.9100, 8.9410,
-2.3470

■ 38.7250, 8.0240,

-2.2480

■ 17.7530, 10.8210,
-3.3790

■ 0.0000, 0.0000,
0.0000

■ 214.4650, 11.6920,
-2.6440

■ 214.4650, 11.6920,
-2.6440

■ 206.6740, 21.2290,
-4.7790

■ 222.2560, 2.1550,
-0.5090

■ 198.7690, 31.0870,
-7.2250

■ 230.1610, -7.7030,
1.9370

■ 190.9780, 40.6240,
-9.3600

■ 236.9260,
-14.3510, 1.2730

■ 182.4860, 50.7570,
-11.2830

■ 242.7960,
-17.1010, -3.9570

■ 174.6950, 60.2940,
-13.4180

■ 245.7310,
-18.4760, -6.5720

■ 166.9040, 69.8310,
-15.5530

■ 158.9990, 79.6890,
-17.9990

■ 151.2080, 89.2260,
-20.1340

■ 145.0470, 96.9290,
-22.0710

Harmonies

Analogous

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



215.2530, 15.4050, 1.6530



214.4650, 11.6920, -2.6440



213.3500, 4.5860, -6.0220

Triad

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



214.4650, 11.6920, -2.6440



212.0410, -16.4130, -5.4130



215.8960, 3.5290, 7.6330

Complementary

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



214.4650, 11.6920, -2.6440



206.5350, -11.6920, 2.6440

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.



215.2370, -4.8610, 5.4990



214.4650, 11.6920, -2.6440



212.2630, -16.9180, -1.7660

Square

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



214.4650, 11.6920, -2.6440



211.9120, -11.7360, -7.5760



213.9370, -12.8840, 2.2200



216.4900, 10.5440, 7.1520

Rectangle

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



214.4650, 11.6920, -2.6440



212.7730, -1.0990, -7.6190



213.9370, -12.8840, 2.2200



215.8140, 0.8240, 7.0960

Sweetspot

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



214.4650, 11.6920, -2.6440



251.5120, 4.3100, -1.0180



206.3270, 12.5610, 9.1450



125.4410, 3.0720, -0.6080



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.



214.4650, 11.6920, -2.6440



242.0910, 15.6810, -3.3510



220.3240, 7.4750, -8.8210



108.3980, 4.6310, -1.3290



113.6720, 76.2960, -17.0800



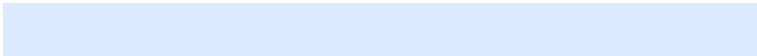
31.3750, 20.6330, -4.9910

Inverse Universe

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



206.5350, -11.6920, 2.6440



231.9090, -15.6810, 3.3510



200.6760, -7.4750, 8.8210



105.1890, -4.9060, 0.8060



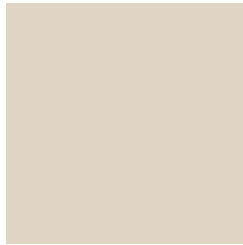
62.3280, -76.2960, 17.0800



17.2120, -20.9080, 4.4680

Previews

White Background



This preview shows how the YIQ color 214.4650, 11.6920, -2.6440 looks on a white background.

Color Contrast Check

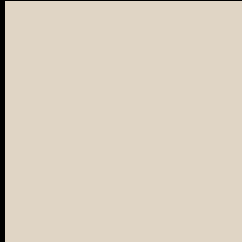
Large Text (above 18pt) WCAG AA × Fail

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 214.4650, 11.6920, -2.6440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

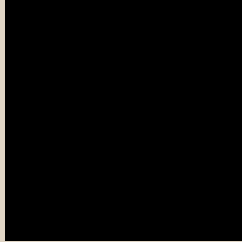
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.4650, 11.6920, -2.6440

Background



This preview shows how black text looks on a background with the YIQ color 214.4650, 11.6920, -2.6440.



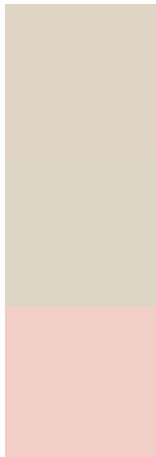
This preview shows how white text looks on a background with the YIQ color 214.4650, 11.6920,

-2.6440.

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

214.4650, 11.6920, -2.6440

Protanopia

214.4540, 10.2250, -3.5910

Deuteranopia

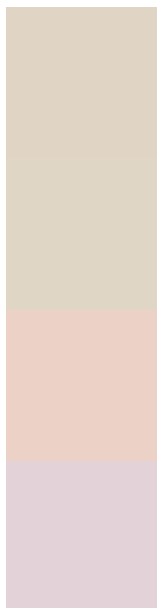
216.1400, 23.1530, 4.4090



Tritanopia

216.5050, 6.1880, 9.0040

Trichromacy



Original Color

214.4650, 11.6920, -2.6440

Protanomaly

214.7530, 10.8210, -3.3790

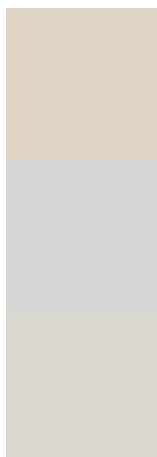
Deuteranomaly

215.5200, 19.0270, 2.0910

Tritanomaly

215.6530, 8.5270, 5.1590

Monochromacy



Original Color

214.4650, 11.6920, -2.6440

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.5120, 4.3100, -1.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4650, 11.6920, -2.6440 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(224, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 197)  
}
```

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(224, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 197) }
```

Border

The CSS property to change the border of an element to YIQ 214.4650, 11.6920, -2.6440 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(224, 213, 197) }
```


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

```
.border{ border-color:rgb(224, 213, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4650, 11.6920, -2.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 197) }
```

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

```
.background{ background-color: rgb(224,  
213, 197) }
```

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