

Converting Colors

YIQ(125.4650, 11.6920, -2.6440)

Have a look what the booklet for
YIQ(125.4650, 11.6920, -2.6440)
contains.

YIQ(125.4650, 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(125.4650, 11.6920,
-2.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	877C6C
RGB	135, 124, 108
RGB Percent	53%, 49%, 42%
CMY	0.4706, 0.5137, 0.5764
CMYK	0.00, 0.08, 0.20, 0.47
HSL	36°, 11%, 48%
HSV	36°, 20%, 53%
XYZ	19.9070, 20.6484, 17.1279
YIQ	125.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

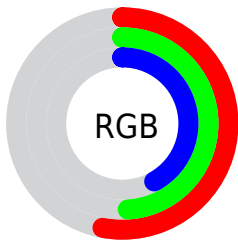
Format	Color
RYB	127, 135, 108
Decimal	8879212
CIELab	52.56, 1.41, 10.25
CIElCh	53, 10.343, 82.192
Yxy	20.6484, 0.3451, 0.3580
Android (android.graphics.Color)	4287069292 (0xFF877C6C)
YUV	125.4650, -8.6102, 8.3622
Hunter-Lab	45.4405, -1.3221, 9.4602

Details

The YIQ color $125.4650, 11.6920, -2.6440$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $117.5350, -11.6920, 2.6440$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.6500, 12.6090, -2.7430$, and $76.3940, 10.4540, -2.2340$ is the 20% darker color. If you saturate the color by 10%, you get $120.4610, 17.5150, -3.5490$, and if you desaturate by 10%, it is $130.5830, 5.5480, -1.4280$.

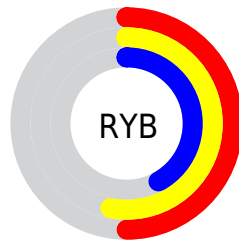
Distribution



Red (53%)

Green (49%)

Blue (42%)



Red (50%)

Yellow (53%)

Blue (42%)

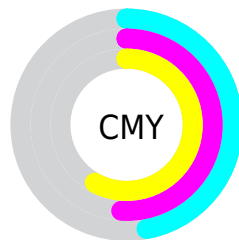


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (47%)



Cyan (47%)


Magenta (51%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.4650, 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 125.4650, 11.6920, -2.6440 by changing the saturation by 10% instead.


 125.4650, 11.6920,
-2.6440


 125.4650, 11.6920,
-2.6440


255.0000, -0.0000,
-0.0000


 100.5790, 11.3710,
-2.3330

 177.6500, 12.6090,
-2.7430

 76.3940, 10.4540,
-2.2340


 205.5360, 12.9300,
-3.0540

 54.0950, 9.8580,
-2.4460

 233.8350, 13.5260,
-2.8420

 32.4970, 8.6660,
-2.8700

 253.6320, 3.8520,
-3.7320

 9.7790, 7.9320,
-0.5800

 0.0000, 0.0000,
0.0000

■ 125.4650, 11.6920,
-2.6440

■ 125.4650, 11.6920,
-2.6440

■ 120.4610, 17.5150,
-3.5490

■ 130.5830, 5.5480,
-1.4280

■ 115.9300, 23.3840,
-5.2880

■ 135.0000, -0.0000,
-0.0000

■ 110.9260, 29.2070,
-6.1930

■ 140.1180, -6.1440,
1.2160

■ 106.3950, 35.0760,
-7.9320

■ 144.5350,
-11.6920, 2.6440

■ 101.3910, 40.8990,
-8.8370

■ 149.6530,
-17.8360, 3.8600

■ 96.8600, 46.7680,
-10.5760

■ 154.0700,
-23.3840, 5.2880

■ 91.8560, 52.5910,
-11.4810

■ 159.1880,
-29.5280, 6.5040

■ 87.3250, 58.4600,

■ 163.6050,

-13.2200

-35.0760, 7.9320

■ 168.7230,
-41.2200, 9.1480

Harmonies

Analogous

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



126.2530, 15.4050, 1.6530



125.4650, 11.6920, -2.6440



124.3500, 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.



125.4650, 11.6920, -2.6440



122.7420, -17.0090, -5.6250



126.8960, 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.



125.4650, 11.6920, -2.6440



117.5350, -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.



126.0520, -5.7780, 5.5980



125.4650, 11.6920, -2.6440



122.9640, -17.5140, -1.9780

Square

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



125.4650, 11.6920, -2.6440



122.9120, -11.7360, -7.5760



124.6380, -13.4800, 2.0080



127.4900, 10.5440, 7.1520

Rectangle

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



125.4650, 11.6920, -2.6440



124.0720, -0.5030, -7.4070



124.6380, -13.4800, 2.0080



126.9280, 0.5030, 7.4070

Sweetspot

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



125.4650, 11.6920, -2.6440



172.3980, 4.6310, -1.3290



117.3270, 12.5610, 9.1450



87.1420, 2.4760, -0.8200



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



125.4650, 11.6920, -2.6440



161.2330, 18.1570, -4.1710



131.3240, 7.4750, -8.8210



64.1420, 2.4760, -0.8200



84.0690, 56.3050, -12.7110



2.0710, 1.2380, -0.4100

Inverse Universe

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



117.5350, -11.6920, 2.6440



148.7670, -18.1570, 4.1710



111.6760, -7.4750, 8.8210



61.8580, -2.4760, 0.8200



45.9310, -56.3050, 12.7110



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 125.4650, 11.6920, -2.6440 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 125.4650, 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 × Fail

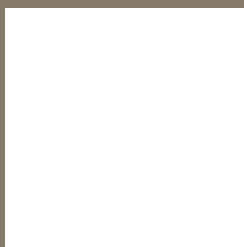
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.4650, 11.6920, -2.6440

Background



This preview shows how black text looks on a background with the YIQ color 125.4650, 11.6920, -2.6440.



This preview shows how white text looks on a background with the YIQ color 125.4650, 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

125.4650, 11.6920, -2.6440

Protanopia

125.2690, 9.3080, -3.4920

Deuteranopia

126.5090, 17.5600, 1.1440



Tritanopia

127.1090, 7.2430, 6.4030

Trichromacy



Original Color

125.4650, 11.6920, -2.6440

Protanomaly

125.5680, 9.9040, -3.2800

Deuteranomaly

126.1990, 15.4970, -0.0150

Tritanomaly

126.4850, 8.9400, 3.1800

Monochromacy



Original Color

125.4650, 11.6920, -2.6440

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.5120, 4.3100, -1.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4650, 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(135, 124, 108)` looks like.

```
.text, #text, p{  
    color:rgb(135, 124, 108)  
}
```

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(135, 124, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 124, 108) }
```

Border

The CSS property to change the border of an element to YIQ 125.4650, 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(135, 124, 108) }
```


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

```
.border{ border-color:rgb(135, 124, 108) }
```

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

Here you see how a box with a 4 pixel rgb(135, 124, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 124, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 124, 108);  
box-shadow:4px 4px 4px 4px rgb(135, 124,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4650, 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(135, 124, 108) }
```

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

```
.background{ background-color: rgb(135,  
124, 108) }
```

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