

Converting Colors

YIQ(177.6710, 8.1160, -3.9160)

Have a look what the booklet for
YIQ(177.6710, 8.1160, -3.9160)
contains.

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Color

**YIQ(177.6710, 8.1160,
-3.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B2A2
RGB	183, 178, 162
RGB Percent	72%, 70%, 64%
CMY	0.2823, 0.3020, 0.3647
CMYK	0.00, 0.03, 0.11, 0.28
HSL	46°, 13%, 68%
HSV	46°, 11%, 72%
XYZ	41.9711, 44.5163, 40.5681
YIQ	177.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

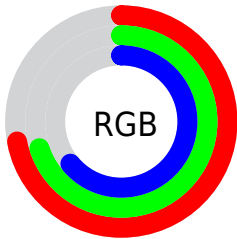
Format	Color
RYB	169, 183, 162
Decimal	12038818
CIELab	72.57, -1.03, 8.80
CIElCh	73, 8.856, 96.655
Yxy	44.5163, 0.3303, 0.3504
Android (android.graphics.Color)	4290228898 (0xFFB7B2A2)
YUV	177.6710, -7.7258, 4.6735
Hunter-Lab	66.7205, -4.4740, 10.6543

Details

The YIQ color $177.6710, 8.1160, -3.9160$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $167.3290, -8.1160, 3.9160$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.5570, 8.4370, -4.2270$, and $124.7850, 7.7950, -3.6050$ is the 20% darker color. If you saturate the color by 10%, you get $173.2710, 14.9940, -7.4220$, and if you desaturate by 10%, it is $182.0710, 1.2380, -0.4100$.

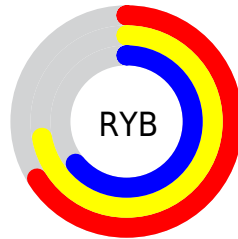
Distribution



Red (72%)

Green (70%)

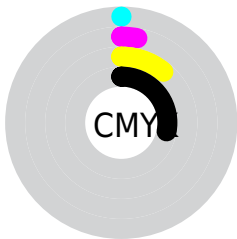
Blue (64%)



Red (66%)

Yellow (72%)

Blue (64%)

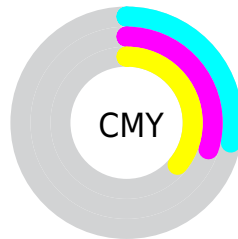


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (30%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.6710, 8.1160, -3.9160 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 177.6710, 8.1160, -3.9160 by changing the saturation by 10% instead.

■ 177.6710, 8.1160,
-3.9160

■ 177.6710, 8.1160,
-3.9160

■ 255.0000, -0.0000,
-0.0000

■ 150.7850, 7.7950,
-3.6050

■ 233.5570, 8.4370,
-4.2270

■ 124.7850, 7.7950,
-3.6050

■ 253.8600, 3.2100,
-3.1100

■ 100.4860, 7.1990,
-3.8170

■ 76.6000, 6.8780,
-3.5060

■ 53.4150, 5.9610,
-3.4070

■ 32.4150, 5.9610,
-3.4070

■ 9.4580, 4.4020,

-2.6860

■ 0.0000, 0.0000,
0.0000

■ 177.6710, 8.1160,
-3.9160

■ 177.6710, 8.1160,
-3.9160

■ 173.2710, 14.9940,
-7.4220

■ 182.0710, 1.2380,
-0.4100

■ 168.1700, 22.4680,
-10.7160

■ 187.1720, -6.2360,
2.8840

■ 163.7700, 29.3460,
-14.2220

■ 191.5720,
-13.1140, 6.3900

■ 159.3700, 36.2240,
-17.7280

■ 195.9720,
-19.9920, 9.8960

■ 154.3830, 43.3770,
-20.7110

■ 201.0730,
-27.4660, 13.1900

■ 149.8690, 50.5760,
-24.5280

■ 203.5350,
-28.8870, 11.4090

■ 144.8820, 57.7290,
-27.5110

■ 206.4700,
-30.2620, 8.7940

■ 140.4820, 64.6070,
-31.0170

■ 208.8180,
-31.3620, 6.7020

■ 136.3100, 70.8430,
-33.9010

■ 211.1660,
-32.4620, 4.6100

Harmonies

Analogous

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



178.4160, 13.3880, -0.3400



177.6710, 8.1160, -3.9160



177.0830, 0.9640, -6.4600

Triad

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



177.6710, 8.1160, -3.9160



175.3940, -15.9090, -3.5330



179.4510, 6.2800, 7.3360

Complementary

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



177.6710, 8.1160, -3.9160



167.3290, -8.1160, 3.9160

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.



178.9170, -0.9640, 6.4600



177.6710, 8.1160, -3.9160



176.9860, -14.5800, -0.0840

Square

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



177.6710, 8.1160, -3.9160



175.4820, -13.3410, -6.0210



178.0300, -8.7120, 3.7040



179.9200, 12.1490, 5.5970

Rectangle

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



177.6710, 8.1160, -3.9160



176.3320, -4.1710, -7.0110



178.0300, -8.7120, 3.7040



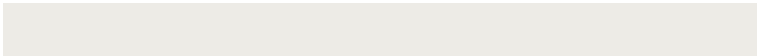
179.6680, 4.1710, 7.0110

Sweetspot

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



177.6710, 8.1160, -3.9160



235.0280, 2.7970, -1.1310



168.8490, 10.9110, 6.0070



118.8430, 1.8800, -1.0320



247.0000, -0.0000, -0.0000



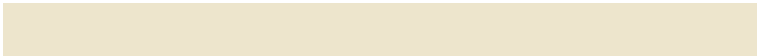
120.0000, -0.0000, -0.0000

Same Dimension

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



177.6710, 8.1160, -3.9160



228.5420, 12.7930, -6.0790



179.1110, 3.7610, -7.5910



89.8000, 3.4390, -1.7530



116.4970, 60.2510, -29.1650



20.6990, 10.9130, -5.0470

Inverse Universe

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



167.3290, -8.1160, 3.9160



212.4580, -12.7930, 6.0790



165.8890, -3.7610, 7.5910



85.2000, -3.4390, 1.7530



39.5030, -60.2510, 29.1650



7.3010, -10.9130, 5.0470

Previews

White Background



This preview shows how the YIQ color 177.6710, 8.1160, -3.9160 looks on a white background.

Color Contrast Check

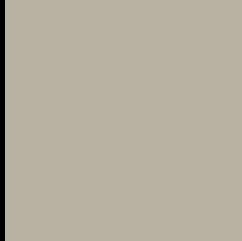
Large Text (above 18pt) WCAG AA × Fail

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 177.6710, 8.1160, -3.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

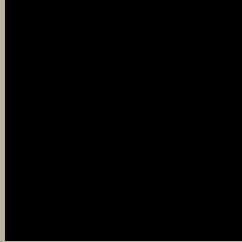
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

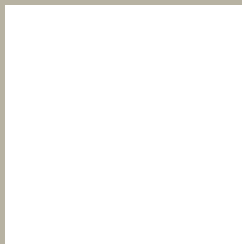
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 177.6710, 8.1160, -3.9160

Background



This preview shows how black text looks on a background with the YIQ color 177.6710, 8.1160, -3.9160.



This preview shows how white text looks on a background with the YIQ color 177.6710, 8.1160,

-3.9160.

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

177.6710, 8.1160, -3.9160

Protanopia

177.6820, 9.5830, -2.9690

Deuteranopia

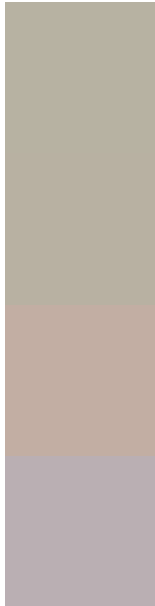
179.6450, 20.1730, 3.3490



Tritanopia

179.4830, 3.2540, 7.1100

Trichromacy



Original Color

177.6710, 8.1160, -3.9160

Protanomaly

177.3830, 8.9870, -3.1810

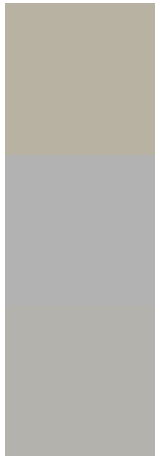
Deuteranomaly

178.7260, 15.4510, 0.8190

Tritanomaly

178.7450, 5.2720, 3.5760

Monochromacy



Original Color

177.6710, 8.1160, -3.9160

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.9140, 3.1180, -1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.6710, 8.1160, -3.9160 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(183, 178, 162)` looks like.

```
.text, #text, p{  
    color:rgb(183, 178, 162)  
}
```

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(183, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 178, 162) }
```

Border

The CSS property to change the border of an element to YIQ 177.6710, 8.1160, -3.9160 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(183, 178, 162) }
```


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

```
.border{ border-color:rgb(183, 178, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 178, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(183, 178,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 177.6710, 8.1160, -3.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 178, 162) }
```

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

```
.background{ background-color: rgb(183,  
178, 162) }
```

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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