

Converting Colors

YIQ(178.8020, 44.6560, 5.6800)

Have a look what the booklet for
YIQ(178.8020, 44.6560, 5.6800)
contains.

YIQ(178.8020, 44.6560, 5.6800)	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(178.8020, 44.6560,
5.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A38B
RGB	225, 163, 139
RGB Percent	88%, 64%, 55%
CMY	0.1175, 0.3609, 0.4547
CMYK	0.00, 0.28, 0.38, 0.12
HSL	17°, 59%, 71%
HSV	17°, 38%, 88%
XYZ	48.8183, 44.0636, 30.3774
YIQ	178.8020, 44.6560, 5.6800

Conversions

Conversions Part 2

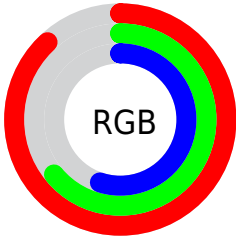
Format	Color
R _Y B	225, 172, 139
Decimal	14787467
CIE Lab	72.27, 19.94, 21.51
CIE LCh	72, 29.330, 47.159
Yxy	44.0636, 0.3961, 0.3575
Android (android.graphics.Color)	4292977547 (0xFFE1A38B)
YUV	178.8020, -19.6224, 40.5156
Hunter-Lab	66.3804, 15.1088, 19.3337

Details

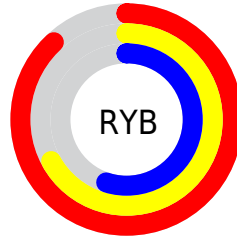
The YIQ color **178.8020, 44.6560, 5.6800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **185.1980, -44.6560, -5.6800**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2130, 30.0770, 0.0690**, and **125.5350, 41.0340, 5.2420** is the 20% darker color. If you saturate the color by 10%, you get **166.9020, 56.1180, 7.2060**, and if you desaturate by 10%, it is **190.8160, 32.8730, 4.4650**.

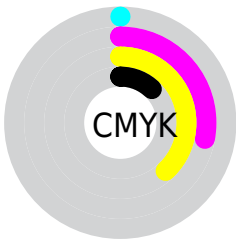
Distribution



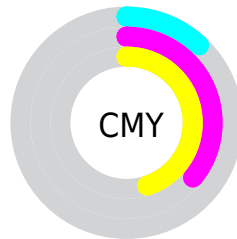
- Red (88%)
- Green (64%)
- Blue (55%)



- Red (88%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (12%)





- Cyan (12%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.8020, 44.6560, 5.6800 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 178.8020, 44.6560, 5.6800 by changing the saturation by 10% instead.


 178.8020, 44.6560,
5.6800


 178.8020, 44.6560,
5.6800


255.0000, -0.0000,
-0.0000


 151.9050, 42.8680,
5.0440


 226.2130, 30.0770,
0.0690


 125.5350, 41.0340,
5.2420


 246.4280, 13.1140,
-6.3900

 99.7520, 38.9250,
4.9170

 254.3160, 1.9260,
-1.8660

 75.6700, 36.2200,
4.3800

 52.0010, 33.7900,
4.3660

 29.1040, 32.0020,
3.7300

 11.3620, 22.6480,

8.0560

■ 0.0000, 0.0000,
0.0000

■ 178.8020, 44.6560,
5.6800

■ 178.8020, 44.6560,
5.6800

■ 166.9020, 56.1180,
7.2060

■ 190.8160, 32.8730,
4.4650

■ 154.3010, 68.1760,
8.9440

■ 202.7160, 21.4110,
2.9390

■ 142.4010, 79.6380,
10.4700

■ 215.3170, 9.3530,
1.2010

■ 130.3870, 91.4210,
11.6850

■ 227.2170, -2.1090,
-0.3250

■ 118.4870,
102.8830, 13.2110

■ 239.2310,
-13.8920, -1.5400

■ 106.4730,
114.6660, 14.4260

■ 246.0300,
-17.8800, -6.3600

■ 104.2560,
116.7750, 14.7510

Harmonies

Analogous

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



180.3970, 41.9030, 17.0310



178.8020, 44.6560, 5.6800



177.1070, 35.9470, -7.1970

Triad

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



178.8020, 44.6560, 5.6800



166.6930, -33.6490, -23.4490



177.4650, -22.6980, 14.8860

Complementary

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



178.8020, 44.6560, 5.6800



185.1980, -44.6560, -5.6800

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.



171.2010, -48.7380, 2.2220



178.8020, 44.6560, 5.6800



163.5950, -56.6200, -20.1400

Square

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



178.8020, 44.6560, 5.6800



170.5790, -6.9650, -22.4610



164.8690, -62.9030, -10.8950



181.0510, 5.1310, 22.6590

Rectangle

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



178.8020, 44.6560, 5.6800



175.4320, 24.4860, -14.2500



164.8690, -62.9030, -10.8950



176.1540, -32.1880, 10.6600

Sweetspot

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



178.8020, 44.6560, 5.6800



240.0680, 14.4880, 1.7520



171.8960, 31.0330, 37.8250



119.0180, 8.7570, 0.9890



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.



178.8020, 44.6560, 5.6800



191.7670, 60.9320, 8.0680



203.4560, 33.1060, -16.2860



106.0500, 5.7310, 0.7630



81.3870, 91.4210, 11.6850



21.9830, 25.0330, 3.3770

Inverse Universe

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



185.1980, -44.6560, -5.6800



200.6460, -60.6570, -7.5450



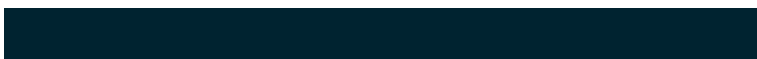
160.5440, -33.1060, 16.2860



106.9500, -5.7310, -0.7630



94.6130, -91.4210, -11.6850



26.0170, -25.0330, -3.3770

Previews

White Background



This preview shows how the YIQ color 178.8020, 44.6560, 5.6800 looks on a white background.

Color Contrast Check

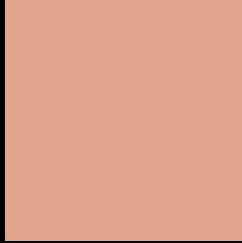
Large Text (above 18pt) WCAG AA × Fail

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 178.8020, 44.6560, 5.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

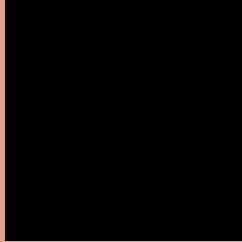
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.8020, 44.6560, 5.6800

Background



This preview shows how black text looks on a background with the YIQ color 178.8020, 44.6560, 5.6800.



This preview shows how white text looks on a background with the YIQ color 178.8020, 44.6560,

5.6800.

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

178.8020, 44.6560, 5.6800

Protanopia

176.7550, 16.5070, -7.3090

Deuteranopia

177.7140, 32.9200, -1.8960



Tritanopia

180.4120, 37.5470, 18.8830

Trichromacy



Original Color

178.8020, 44.6560, 5.6800

Protanomaly

177.3650, 26.5930, -2.8710

Deuteranomaly

177.7470, 37.3210, 0.9450

Tritanomaly

179.9190, 40.2530, 13.8930

Monochromacy



Original Color

178.8020, 44.6560, 5.6800

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.8510, 16.5970, 2.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.8020, 44.6560, 5.6800 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(225, 163, 139)` looks like.

```
.text, #text, p{  
    color:rgb(225, 163, 139)  
}
```

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(225, 163, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 163, 139) }
```

Border

The CSS property to change the border of an element to YIQ 178.8020, 44.6560, 5.6800 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(225, 163, 139) }
```


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

```
.border{ border-color:rgb(225, 163, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 163, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 163, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 163, 139);  
box-shadow:4px 4px 4px 4px rgb(225, 163,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 178.8020, 44.6560, 5.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 163, 139) }
```

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

```
.background{ background-color: rgb(225,  
163, 139) }
```

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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