

Converting Colors

YIQ(179.2780, 57.8150, 3.9830)

Have a look what the booklet for
YIQ(179.2780, 57.8150, 3.9830)
contains.

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Color

**YIQ(179.2780, 57.8150,
3.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA17A
RGB	237, 161, 122
RGB Percent	93%, 63%, 48%
CMY	0.0704, 0.3687, 0.5213
CMYK	0.00, 0.32, 0.49, 0.07
HSL	20°, 76%, 70%
HSV	20°, 49%, 93%
XYZ	51.1946, 44.8967, 24.4016
YIQ	179.2780, 57.8150, 3.9830

Conversions

Conversions Part 2

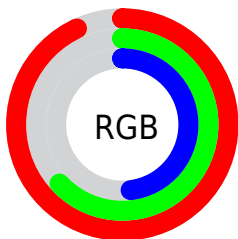
Format	Color
R _Y B	237, 181, 122
Decimal	15573370
CIE Lab	72.82, 23.96, 31.66
CIE LCh	73, 39.703, 52.889
Yxy	44.8967, 0.4249, 0.3726
Android (android.graphics.Color)	4293763450 (0xFFEDA17A)
YUV	179.2780, -28.2381, 50.6222
Hunter-Lab	67.0050, 19.1226, 25.3116

Details

The YIQ color $179.2780, 57.8150, 3.9830$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $179.7220, -57.8150, -3.9830$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $222.9870, 36.4050, -4.4830$, and $125.5270, 52.6800, 3.4320$ is the 20% darker color. If you saturate the color by 10%, you get $167.1500, 69.9190, 4.8870$, and if you desaturate by 10%, it is $191.4060, 45.7110, 3.0790$.

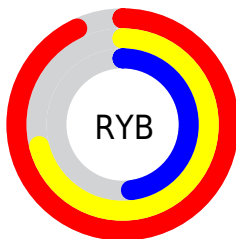
Distribution



Red (93%)

Green (63%)

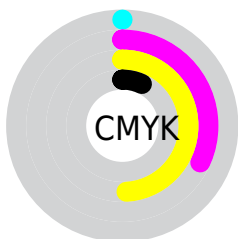
Blue (48%)



Red (93%)

Yellow (71%)

Blue (48%)

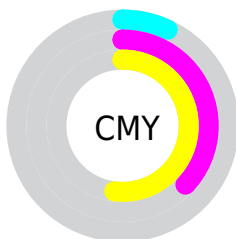


Cyan (0%)

Magenta (32%)

Yellow (49%)

Black (7%)



Cyan (7%)


Magenta (37%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.2780, 57.8150, 3.9830 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 179.2780, 57.8150, 3.9830 by changing the saturation by 10% instead.


 179.2780, 57.8150,
3.9830


 179.2780, 57.8150,
3.9830


255.0000, -0.0000,
-0.0000


 152.1960, 55.1100,
3.4460


 222.9870, 36.4050,
-4.4830


 125.5270, 52.6800,
3.4320


 243.0880, 19.7630,
-11.2530

 99.7440, 50.5710,
3.1070

 252.2640, 7.7040,
-7.4640

 74.4770, 46.9490,
2.6690

 50.7540, 44.6110,
0.9870

 28.8380, 35.8070,
6.3590

 12.8570, 25.6280,

9.1160

■ 0.0000, 0.0000,
0.0000

■ 179.2780, 57.8150,
3.9830

■ 179.2780, 57.8150,
3.9830

■ 167.1500, 69.9190,
4.8870

■ 191.4060, 45.7110,
3.0790

■ 155.7230, 81.4270,
5.5790

■ 202.8330, 34.2030,
2.3870

■ 143.5950, 93.5310,
6.4830

■ 214.9610, 22.0990,
1.4830

■ 131.4670,
105.6350, 7.3870

■ 227.0890, 9.9950,
0.5790

■ 120.0400,
117.1430, 8.0790

■ 238.6300, -1.8340,
0.1980

■ 117.8230,
119.2520, 8.4040

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



181.0030, 57.8120, 20.5640



179.2780, 57.8150, 3.9830



177.0120, 43.2840, -13.5160

Triad

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



179.2780, 57.8150, 3.9830



160.1950, -58.9100, -33.7100



180.4250, -25.2210, 22.0670

Complementary

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



179.2780, 57.8150, 3.9830



179.7220, -57.8150, -3.9830

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.



169.9850, -65.5650, 4.3150



179.2780, 57.8150, 3.9830



146.2880, -107.4640, -34.8240

Square

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



179.2780, 57.8150, 3.9830



168.0350, -17.4170, -31.2810



152.4430, -105.8620, -19.7980



183.3390, 13.4280, 31.9880

Rectangle

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



179.2780, 57.8150, 3.9830



174.9450, 27.0550, -22.2650



152.4430, -105.8620, -19.7980



177.7330, -38.0120, 17.0920

Sweetspot

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



179.2780, 57.8150, 3.9830



235.9930, 19.0730, 1.2570



165.1630, 43.8230, 48.3270



115.9860, 11.7830, 1.2150



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.



179.2780, 57.8150, 3.9830



180.6020, 74.4580, 5.2260



212.7370, 42.1400, -25.8280



111.6370, 5.4560, 0.2400



89.9260, 91.1010, 6.4690



26.7120, 27.2340, 2.0340

Inverse Universe

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



179.7220, -57.8150, -3.9830



181.3980, -74.4580, -5.2260



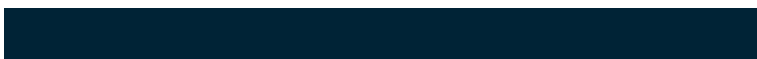
146.2630, -42.1400, 25.8280



111.3630, -5.4560, -0.2400



91.0740, -91.1010, -6.4690



26.7010, -26.9590, -1.5110

Previews

White Background



This preview shows how the YIQ color 179.2780, 57.8150, 3.9830 looks on a white background.

Color Contrast Check

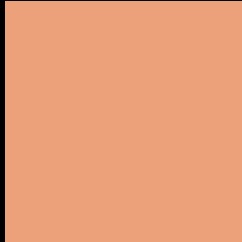
Large Text (above 18pt) WCAG AA × Fail

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 179.2780, 57.8150, 3.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

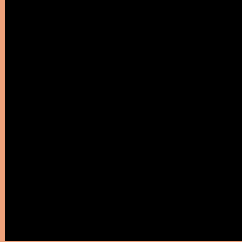
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.2780, 57.8150, 3.9830

Background



This preview shows how black text looks on a background with the YIQ color 179.2780, 57.8150, 3.9830.



This preview shows how white text looks on a background with the YIQ color 179.2780, 57.8150,

3.9830.

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

179.2780, 57.8150, 3.9830

Protanopia

177.6000, 24.0730, -12.2710

Deuteranopia

178.3420, 42.5950, -6.5330



Tritanopia

182.0820, 47.4040, 21.9640

Trichromacy



Original Color

179.2780, 57.8150, 3.9830

Protanomaly

177.9330, 36.4970, -6.1510

Deuteranomaly

178.5000, 48.1420, -2.4340

Tritanomaly

181.1330, 51.3940, 15.7300

Monochromacy



Original Color

179.2780, 57.8150, 3.9830

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.7760, 21.1820, 1.5820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.2780, 57.8150, 3.9830 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(237, 161, 122)` looks like.

```
.text, #text, p{  
    color:rgb(237, 161, 122)  
}
```

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(237, 161, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 161, 122) }
```

Border

The CSS property to change the border of an element to YIQ 179.2780, 57.8150, 3.9830 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(237, 161, 122) }
```


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

```
.border{ border-color:rgb(237, 161, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 161, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 161, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 161, 122);  
box-shadow:4px 4px 4px 4px rgb(237, 161,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 179.2780, 57.8150, 3.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 161, 122) }
```

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

```
.background{ background-color: rgb(237,  
161, 122) }
```

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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