

Converting Colors

YIQ(178.7720, 53.3680, 1.9760)

Have a look what the booklet for
YIQ(178.7720, 53.3680, 1.9760)
contains.

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Color

**YIQ(178.7720, 53.3680,
1.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A37B
RGB	231, 163, 123
RGB Percent	91%, 64%, 48%
CMY	0.0940, 0.3609, 0.5174
CMYK	0.00, 0.29, 0.47, 0.09
HSL	22°, 69%, 69%
HSV	22°, 47%, 91%
XYZ	49.6374, 44.6105, 24.7537
YIQ	178.7720, 53.3680, 1.9760

Conversions

Conversions Part 2

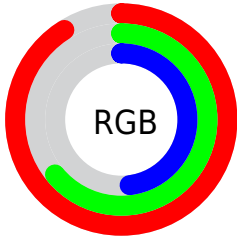
Format	Color
R _Y B	231, 187, 123
Decimal	15180667
CIE Lab	72.63, 20.60, 30.75
CIE LCh	73, 37.017, 56.180
Yxy	44.6105, 0.4171, 0.3749
Android (android.graphics.Color)	4293370747 (0xFFE7A37B)
YUV	178.7720, -27.4956, 45.8040
Hunter-Lab	66.7911, 15.7720, 24.7801

Details

The YIQ color **178.7720, 53.3680, 1.9760** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **175.2280, -53.3680, -1.9760**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.2750, 35.5340, -5.2180**, and **125.3200, 48.8290, 1.6370** is the 20% darker color. If you saturate the color by 10%, you get **167.3450, 64.8760, 2.6680**, and if you desaturate by 10%, it is **190.1990, 41.8600, 1.2840**.

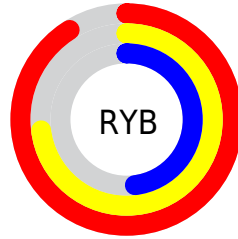
Distribution



Red (91%)

Green (64%)

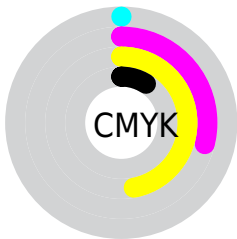
Blue (48%)



Red (91%)

Yellow (73%)

Blue (48%)

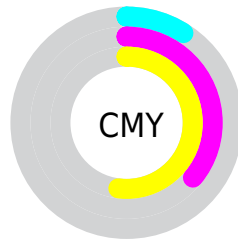


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.7720, 53.3680, 1.9760 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 178.7720, 53.3680, 1.9760 by changing the saturation by 10% instead.

178.7720, 53.3680,
1.9760

178.7720, 53.3680,
1.9760

255.0000, -0.0000,
-0.0000

151.9890, 51.2590,
1.6510

224.2750, 35.5340,
-5.2180

125.3200, 48.8290,
1.6370

244.4900, 18.5710,
-11.6770

99.5370, 46.7200,
1.3120

252.3780, 7.3830,
-7.1530

75.1560, 43.4190,
0.5630

50.8460, 41.3560,
-0.5960

29.7020, 33.1940,
4.1540

11.9600, 23.8400,

8.4800

■ 0.0000, 0.0000,
0.0000

■ 178.7720, 53.3680,
1.9760

■ 178.7720, 53.3680,
1.9760

■ 167.3450, 64.8760,
2.6680

■ 190.1990, 41.8600,
1.2840

■ 156.5050, 76.1090,
2.8370

■ 201.0390, 30.6270,
1.1150

■ 145.0780, 87.6170,
3.5290

■ 212.4660, 19.1190,
0.4230

■ 134.2380, 98.8500,
3.6980

■ 223.3060, 7.8860,
0.2540

■ 122.8110,
110.3580, 4.3900

■ 234.8470, -3.9430,
-0.1270

■ 118.9640,
114.3010, 4.5170

■ 244.8890,
-12.9290, -2.4730

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



180.4540, 54.9240, 17.8360



178.7720, 53.3680, 1.9760



176.5600, 38.7450, -13.8550

Triad

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



178.7720, 53.3680, 1.9760



160.7870, -57.5810, -30.2610



180.2470, -18.8480, 22.2080

Complementary

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



178.7720, 53.3680, 1.9760



175.2280, -53.3680, -1.9760

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.



172.1280, -55.6620, 6.5620



178.7720, 53.3680, 1.9760



153.6000, -90.5470, -27.5310

Square

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



178.7720, 53.3680, 1.9760



168.3060, -19.6180, -29.9380



159.1250, -87.1110, -12.7030



182.8400, 16.2710, 30.0230

Rectangle

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



178.7720, 53.3680, 1.9760



174.0200, 22.4700, -21.7700



159.1250, -87.1110, -12.7030



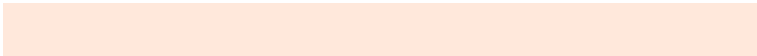
177.9680, -31.3640, 17.7560

Sweetspot

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



178.7720, 53.3680, 1.9760



237.3950, 17.8810, 0.8330



163.0440, 42.5400, 44.0440



117.2740, 10.9120, 0.4800



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.



178.7720, 53.3680, 1.9760



185.8680, 70.6530, 2.5970



210.4700, 38.5180, -26.2660



109.5230, 5.7770, -0.0710



92.2630, 88.5340, 3.4300



26.4020, 25.1710, 0.8750

Inverse Universe

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



175.2280, -53.3680, -1.9760



181.1320, -70.6530, -2.5970



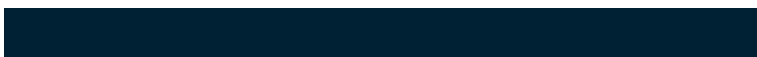
143.5300, -38.5180, 26.2660



109.0640, -6.0520, -0.4520



86.7370, -88.5340, -3.4300



24.5980, -25.1710, -0.8750

Previews

White Background



This preview shows how the YIQ color 178.7720, 53.3680, 1.9760 looks on a white background.

Color Contrast Check

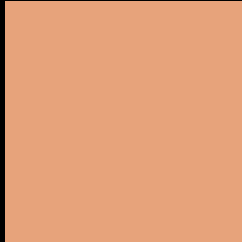
Large Text (above 18pt) WCAG AA × Fail

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 178.7720, 53.3680, 1.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

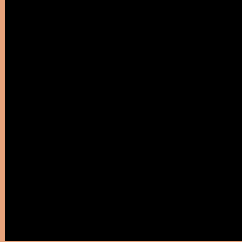
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.7720, 53.3680, 1.9760

Background



This preview shows how black text looks on a background with the YIQ color 178.7720, 53.3680, 1.9760.



This preview shows how white text looks on a background with the YIQ color 178.7720, 53.3680,

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

178.7720, 53.3680, 1.9760

Protanopia

176.7140, 23.7520, -11.9600

Deuteranopia

178.2710, 41.3570, -6.1230



Tritanopia

181.6900, 42.6360, 20.2680

Trichromacy



Original Color

178.7720, 53.3680, 1.9760

Protanomaly

177.6230, 34.4340, -7.3100

Deuteranomaly

178.3040, 45.7580, -3.2820

Tritanomaly

180.6270, 46.9470, 13.7230

Monochromacy



Original Color

178.7720, 53.3680, 1.9760

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.8790, 19.3940, 0.9460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7720, 53.3680, 1.9760 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(231, 163, 123)` looks like.

```
.text, #text, p{  
    color:rgb(231, 163, 123)  
}
```

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(231, 163, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 163, 123) }
```

Border

The CSS property to change the border of an element to YIQ 178.7720, 53.3680, 1.9760 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(231, 163, 123) }
```


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

```
.border{ border-color:rgb(231, 163, 123) }
```

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

Here you see how a box with a 4 pixel rgb(231, 163, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 163, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 163, 123);  
box-shadow:4px 4px 4px 4px rgb(231, 163,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7720, 53.3680, 1.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 163, 123) }
```

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

```
.background{ background-color: rgb(231,  
163, 123) }
```

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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