

Converting Colors

YIQ(178.6990, 55.6120, 16.3800)

Have a look what the booklet for
YIQ(178.6990, 55.6120, 16.3800)
contains.

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Color

**YIQ(178.6990, 55.6120,
16.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	F29991
RGB	242, 153, 145
RGB Percent	95%, 60%, 57%
CMY	0.0508, 0.4001, 0.4311
CMYK	0.00, 0.37, 0.40, 0.05
HSL	5°, 79%, 76%
HSV	5°, 40%, 95%
XYZ	53.1365, 43.7029, 32.4464
YIQ	178.6990, 55.6120, 16.3800

Conversions

Conversions Part 2

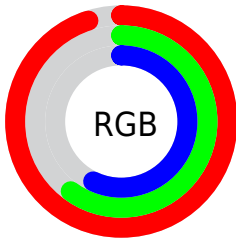
Format	Color
R_{YB}	242, 154, 145
Decimal	15899025
CIE _{Lab}	72.03, 32.46, 18.19
CIE _{LCh}	72, 37.207, 29.263
Yxy	43.7029, 0.4110, 0.3380
Android (android.graphics.Color)	4294089105 (0xFFFF29991)
YUV	178.6990, -16.6136, 55.5150
Hunter-Lab	66.1082, 27.7855, 17.1758

Details

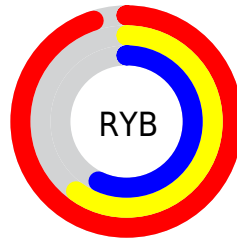
The YIQ color **178.6990, 55.6120, 16.3800** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **208.3010, -55.6120, -16.3800**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.0270, 30.9010, 7.1650**, and **124.8340, 50.7980, 15.5180** is the 20% darker color. If you saturate the color by 10%, you get **163.0490, 69.3660, 20.4220**, and if you desaturate by 10%, it is **194.3490, 41.8580, 12.3380**.

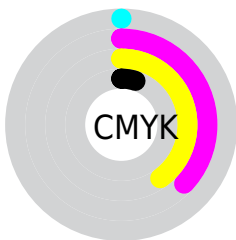
Distribution



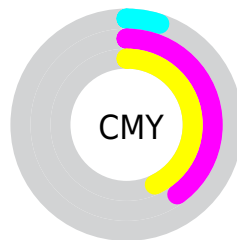
- Red (95%)
- Green (60%)
- Blue (57%)



- Red (95%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (40%)
- Black (5%)




- Cyan (5%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.6990, 55.6120, 16.3800 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 178.6990, 55.6120, 16.3800 by changing the saturation by 10% instead.


 178.6990, 55.6120,
16.3800


 178.6990, 55.6120,
16.3800


255.0000, -0.0000,
-0.0000


 150.9160, 53.5030,
16.0550


 221.0270, 30.9010,
7.1650


 124.8340, 50.7980,
15.5180

 241.2420, 13.9380,
0.7060

 99.0510, 48.6890,
15.1930

 73.4960, 45.9380,
15.4900

 48.6420, 42.5910,
15.5750

 22.0550, 42.8660,
16.0980

 14.3520, 28.6080,

10.1760

■ 0.0000, 0.0000,
0.0000

■ 178.6990, 55.6120,
16.3800

■ 178.6990, 55.6120,
16.3800

■ 163.0490, 69.3660,
20.4220

■ 194.3490, 41.8580,
12.3380

■ 147.3990, 83.1200,
24.4640

■ 209.9990, 28.1040,
8.2960

■ 131.0480, 97.4700,
28.7180


■ 226.3500, 13.7540,
4.0420

■ 115.3980,
111.2240, 32.7600

■ 242.0000, -0.0000,
0.0000

■ 99.7480, 124.9780,
36.8020

■ 251.1130, -7.7480,
-2.7560

 84.0980, 138.7320,
40.8440

Harmonies

Analogous

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



180.2160, 44.3310, 28.0990



178.6990, 55.6120, 16.3800



176.5330, 52.5430, 0.4070

Triad

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



178.6990, 55.6120, 16.3800



165.2670, -23.8820, -29.7540



171.4490, -52.1320, 8.6680

Complementary

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



178.6990, 55.6120, 16.3800



208.3010, -55.6120, -16.3800

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.



158.5490, -85.3690, -11.2330



178.6990, 55.6120, 16.3800



158.3350, -62.1200, -30.6000

Square

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



178.6990, 55.6120, 16.3800



170.5670, 10.5040, -25.1760



150.5610, -94.8110, -27.3470



179.0410, -15.2720, 23.4800

Rectangle

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



178.6990, 55.6120, 16.3800



175.1200, 43.1000, -10.1800



150.5610, -94.8110, -27.3470



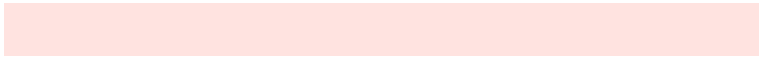
168.0020, -64.2350, 2.2370

Sweetspot

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



178.6990, 55.6120, 16.3800



235.0300, 17.6510, 5.0030



184.3770, 28.6010, 48.8650



115.9690, 10.4530, 3.2930



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.



178.6990, 55.6120, 16.3800



175.3480, 69.9620, 20.6340



206.2880, 42.6870, -8.2010



112.1750, 6.8770, 2.0210



63.8210, 105.5390, 31.1630



19.6790, 32.0010, 9.2570

Inverse Universe

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



208.3010, -55.6120, -16.3800



212.6520, -69.9620, -20.6340



180.7120, -42.6870, 8.2010



115.8250, -6.8770, -2.0210



120.1790, -105.5390, -31.1630



36.9080, -32.2760, -9.7800

Previews

White Background



This preview shows how the YIQ color 178.6990, 55.6120, 16.3800 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 178.6990, 55.6120, 16.3800 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 178.6990, 55.6120, 16.3800

Background



This preview shows how black text looks on a background with the YIQ color 178.6990, 55.6120, 16.3800.



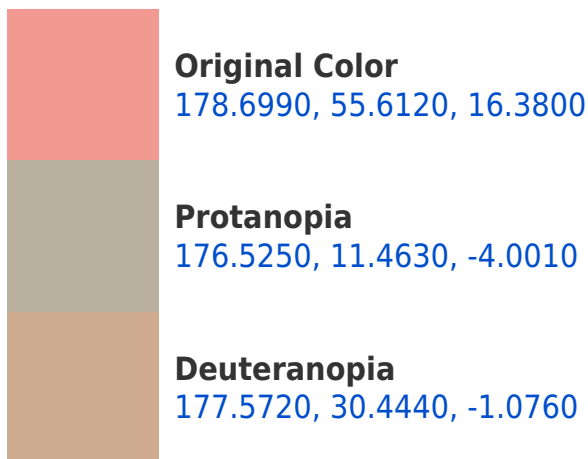
This preview shows how white text looks on a background with the YIQ color 178.6990, 55.6120,

16.3800.

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





Tritanopia

179.4740, 52.1720, 23.6600

Trichromacy



Original Color

178.6990, 55.6120, 16.3800

Protanomaly

177.6520, 27.4630, 3.3910

Deuteranomaly

178.0510, 39.5210, 5.1290

Tritanomaly

179.0780, 53.2270, 21.0590

Monochromacy



Original Color

178.6990, 55.6120, 16.3800

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.2260, 20.0350, 5.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6990, 55.6120, 16.3800 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(242, 153, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 153, 145)  
}
```

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(242, 153, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 153, 145) }
```

Border

The CSS property to change the border of an element to YIQ 178.6990, 55.6120, 16.3800 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(242, 153, 145) }
```


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

```
.border{ border-color:rgb(242, 153, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 153, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 153, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 153, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 153,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6990, 55.6120, 16.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 153, 145) }
```

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

```
.background{ background-color: rgb(242,  
153, 145) }
```

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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