

Converting Colors

YIQ(188.2950, 41.9500, 10.6700)

Have a look what the booklet for
YIQ(188.2950, 41.9500, 10.6700)
contains.

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Color

**YIQ(188.2950, 41.9500,
10.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAAA0
RGB	235, 170, 160
RGB Percent	92%, 67%, 63%
CMY	0.0783, 0.3334, 0.3724
CMYK	0.00, 0.28, 0.32, 0.08
HSL	8°, 65%, 77%
HSV	8°, 32%, 92%
XYZ	54.9921, 48.9474, 39.8275
YIQ	188.2950, 41.9500, 10.6700

Conversions

Conversions Part 2

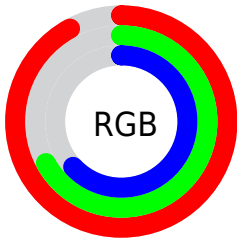
Format	Color
R _Y B	235, 172, 160
Decimal	15444640
CIE Lab	75.42, 22.59, 14.58
CIE LCh	75, 26.890, 32.847
Yxy	48.9474, 0.3825, 0.3405
Android (android.graphics.Color)	4293634720 (0xFFEBAAA0)
YUV	188.2950, -13.9494, 40.9603
Hunter-Lab	69.9624, 17.8709, 15.2217

Details

The YIQ color **188.2950, 41.9500, 10.6700** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **206.7050, -41.9500, -10.6700**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4170, 20.8150, 2.7270**, and **134.3270, 38.9240, 10.4440** is the 20% darker color. If you saturate the color by 10%, you get **173.9330, 54.8330, 13.9770**, and if you desaturate by 10%, it is **202.7710, 28.7460, 7.6740**.

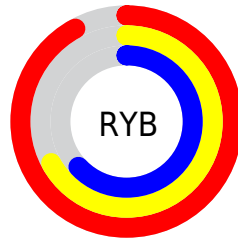
Distribution



Red (92%)

Green (67%)

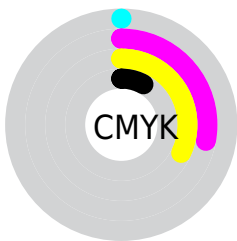
Blue (63%)



Red (92%)

Yellow (67%)

Blue (63%)

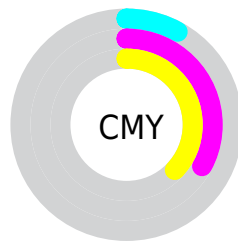


Cyan (0%)

Magenta (28%)

Yellow (32%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.2950, 41.9500, 10.6700 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 188.2950, 41.9500, 10.6700 by changing the saturation by 10% instead.


 188.2950, 41.9500,
10.6700

 188.2950, 41.9500,
10.6700

255.0000, -0.0000,
-0.0000


 160.8110, 40.4370,
10.5570


 233.4170, 20.8150,
2.7270


 134.3270, 38.9240,
10.4440

 253.0450, 4.1270,
-3.2090

 108.4300, 37.1360,
9.8080

 83.6470, 35.0270,
9.4830

 59.5650, 32.3220,
8.9460

 36.8960, 29.8920,
8.9320

 14.0530, 28.0120,

9.9640

■ 2.0930, 4.1720,
1.4840

■ 0.0000, 0.0000,
0.0000

■ 188.2950, 41.9500,
10.6700

■ 188.2950, 41.9500,
10.6700

■ 173.9330, 54.8330,
13.9770

■ 202.7710, 28.7460,
7.6740

■ 158.8700, 68.3120,
17.4960

■ 217.7200, 15.5880,
3.8440

■ 144.5080, 81.1950,
20.8030

■ 232.1960, 2.3840,
0.8480

■ 129.4450, 94.6740,
24.3220

■ 247.1450,
-10.7740, -2.9820

■ 115.0830,
107.5570, 27.6290

■ 249.0200,
-11.9200, -4.2400

■ 100.6070,
120.7610, 30.6250

■ 88.4620, 131.5350,
33.6070

Harmonies

Analogous

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



189.5580, 34.2000, 18.9680



188.2950, 41.9500, 10.6700



186.7640, 38.6510, -1.1330

Triad

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



188.2950, 41.9500, 10.6700



178.3480, -19.4360, -22.2200



184.1000, -32.0960, 8.9920

Complementary

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



188.2950, 41.9500, 10.6700



206.7050, -41.9500, -10.6700

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.



177.9570, -51.1670, -3.3190



188.2950, 41.9500, 10.6700



175.1960, -42.3150, -20.5790

Square

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



188.2950, 41.9500, 10.6700



181.4450, 5.2760, -18.5320



174.7680, -55.4290, -14.1890



188.6580, -7.0640, 17.8960

Rectangle

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



188.2950, 41.9500, 10.6700



185.2420, 31.1330, -8.0590



174.7680, -55.4290, -14.1890



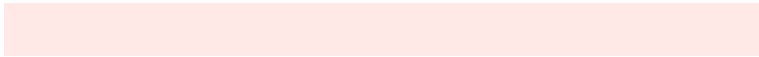
182.1590, -39.7520, 4.5680

Sweetspot

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



188.2950, 41.9500, 10.6700



239.2360, 14.0750, 3.7310



189.9490, 23.5140, 36.4260



117.9580, 8.9860, 2.3460



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.



188.2950, 41.9500, 10.6700



194.6340, 54.2370, 13.7650



209.4270, 32.0500, -8.1580



109.8760, 6.2810, 1.8090



68.2070, 101.2760, 25.8200



20.2550, 30.2590, 7.7870

Inverse Universe

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



206.7050, -41.9500, -10.6700



218.3660, -54.2370, -13.7650



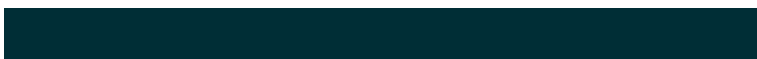
185.5730, -32.0500, 8.1580



113.1240, -6.2810, -1.8090



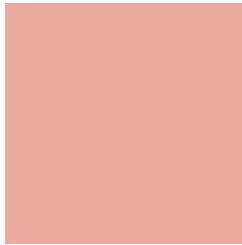
112.7930, -101.2760, -25.8200



33.1580, -29.9840, -7.2640

Previews

White Background



This preview shows how the YIQ color 188.2950, 41.9500, 10.6700 looks on a white background.

Color Contrast Check

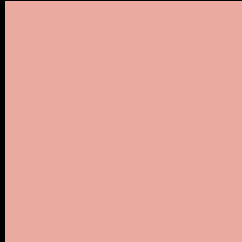
Large Text (above 18pt) WCAG AA × Fail

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 188.2950, 41.9500, 10.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

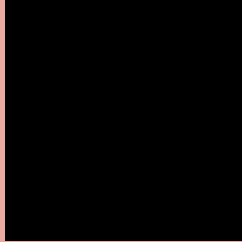
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.2950, 41.9500, 10.6700

Background



This preview shows how black text looks on a background with the YIQ color 188.2950, 41.9500, 10.6700.



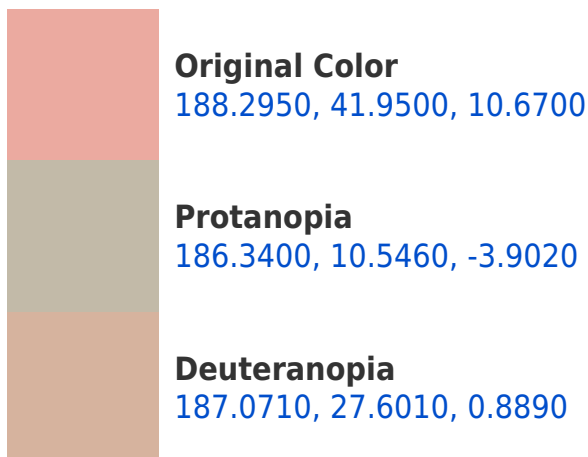
This preview shows how white text looks on a background with the YIQ color 188.2950, 41.9500,

10.6700.

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

189.4120, 37.5470, 18.8830

Trichromacy



Original Color

188.2950, 41.9500, 10.6700

Protanomaly

186.9610, 22.0990, 1.4830

Deuteranomaly

187.8160, 32.8730, 4.4650

Tritanomaly

188.9020, 38.9230, 15.9710

Monochromacy



Original Color

188.2950, 41.9500, 10.6700

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8340, 15.2670, 4.1550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2950, 41.9500, 10.6700 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(235, 170, 160)` looks like.

```
.text, #text, p{  
    color:rgb(235, 170, 160)  
}
```

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(235, 170, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 170, 160) }
```

Border

The CSS property to change the border of an element to YIQ 188.2950, 41.9500, 10.6700 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(235, 170, 160) }
```


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

```
.border{ border-color:rgb(235, 170, 160) }
```

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

Here you see how a box with a 4 pixel rgb(235, 170, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 170, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 170, 160);  
box-shadow:4px 4px 4px 4px rgb(235, 170,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2950, 41.9500, 10.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 170, 160) }
```

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

```
.background{ background-color: rgb(235,  
170, 160) }
```

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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