

Converting Colors

YIQ(184.4550, 61.2100, -7.9900)

Have a look what the booklet for
YIQ(184.4550, 61.2100, -7.9900)
contains.

YIQ(184.4550, 61.2100, -7.9900)	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(184.4550, 61.2100,
-7.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAD67
RGB	238, 173, 103
RGB Percent	93%, 68%, 40%
CMY	0.0666, 0.3217, 0.5958
CMYK	0.00, 0.27, 0.57, 0.07
HSL	31°, 80%, 67%
HSV	31°, 57%, 93%
XYZ	52.6597, 49.0394, 19.5420
YIQ	184.4550, 61.2100, -7.9900

Conversions

Conversions Part 2

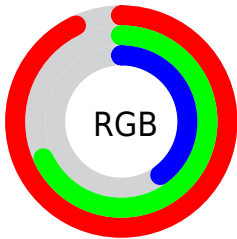
Format	Color
RYB	228, 238, 103
Decimal	15641959
CIELab	75.48, 16.37, 44.90
CIELCh	75, 47.793, 69.971
Yxy	49.0394, 0.4343, 0.4045
Android (android.graphics.Color)	4293832039 (0xFFEEAD67)
YUV	184.4550, -40.1573, 46.9590
Hunter-Lab	70.0282, 11.6789, 32.4743

Details

The YIQ color **184.4550, 61.2100, -7.9900** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **156.5450, -61.2100, 7.9900**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.8650, 39.2040, -16.6680**, and **130.5900, 56.3960, -8.8520** is the 20% darker color. If you saturate the color by 10%, you get **175.2620, 71.9390, -9.7010**, and if you desaturate by 10%, it is **193.6480, 50.4810, -6.2790**.

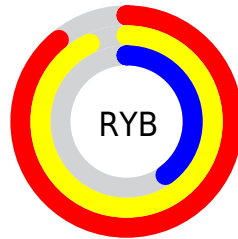
Distribution



Red (93%)

Green (68%)

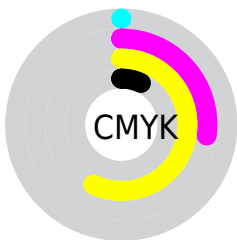
Blue (40%)



Red (89%)

Yellow (93%)

Blue (40%)

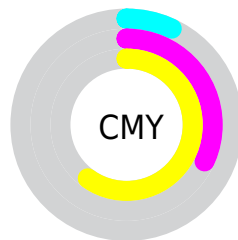


Cyan (0%)

Magenta (27%)

Yellow (57%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 184.4550, 61.2100, -7.9900 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 184.4550, 61.2100, -7.9900 by changing the saturation by 10% instead.


 184.4550, 61.2100,
-7.9900


 184.4550, 61.2100,
-7.9900


255.0000, -0.0000,
-0.0000


 156.7860, 58.7800,
-8.0040


 227.8650, 39.2040,
-16.6680


 130.5900, 56.3960,
-8.8520


 246.7920, 23.1120,
-22.3920


 104.3940, 54.0120,
-9.7000

 249.9840, 14.1240,
-13.6840

 78.7420, 52.9120,
-11.7920

 253.2900, 4.8150,
-4.6650

 56.8690, 42.5490,
-5.6990

 36.4690, 32.2320,
-0.4400

 15.7810, 22.7860,

5.5540

■ 0.0000, 0.0000,
0.0000

■ 184.4550, 61.2100,
-7.9900

■ 184.4550, 61.2100,
-7.9900

■ 175.2620, 71.9390,
-9.7010

■ 193.6480, 50.4810,
-6.2790

■ 165.4820, 82.9430,
-10.8890

■ 203.4280, 39.4770,
-5.0910

■ 156.4030, 93.3510,
-12.2890

■ 212.5070, 29.0690,
-3.6910

■ 146.6230,
104.3550, -13.4770

■ 222.2870, 18.0650,
-2.5030

■ 143.3630,
108.0230, -13.8730

■ 231.4800, 7.3360,
-0.7920

■ 241.2600, -3.6680,
0.3960

■ 248.7430, -9.5820,
-2.5580

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



183.9250, 66.4790, 12.1670



184.4550, 61.2100, -7.9900



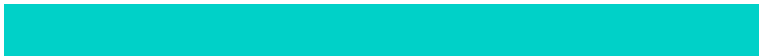
180.9150, 35.7670, -25.9690

Triad

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



184.4550, 61.2100, -7.9900



145.4830, -121.6750, -47.1070



190.6500, -3.4450, 34.9150

Complementary

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



184.4550, 61.2100, -7.9900



156.5450, -61.2100, 7.9900

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.



180.1230, -48.0980, 12.6540



184.4550, 61.2100, -7.9900



148.9830, -134.2860, -33.3100

Square

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



184.4550, 61.2100, -7.9900



166.2740, -52.1230, -41.0750



154.2550, -119.8920, -18.8360



191.0710, 37.9100, 39.8460

Rectangle

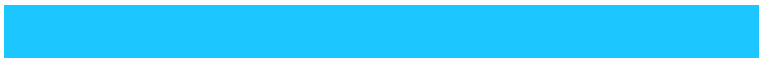
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



184.4550, 61.2100, -7.9900



177.4820, 11.8810, -33.6150



154.2550, -119.8920, -18.8360



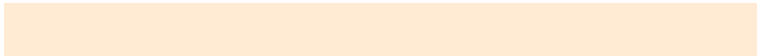
188.0180, -16.4650, 28.5830

Sweetspot

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



184.4550, 61.2100, -7.9900



237.7710, 19.5780, -2.3900



150.7750, 59.5950, 48.8350



117.4050, 11.9210, -1.2870



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.



184.4550, 61.2100, -7.9900



185.9700, 78.6330, -9.8710



222.0120, 42.1430, -42.4090



115.1100, 5.5020, -0.5940



110.7810, 83.5390, -10.6770



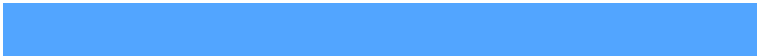
33.7670, 25.4010, -3.2950

Inverse Universe

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



156.5450, -61.2100, 7.9900



150.4430, -78.3580, 10.3940



118.9880, -42.1430, 42.4090



112.8900, -5.5020, 0.5940



72.6320, -83.2640, 11.2000



22.2330, -25.4010, 3.2950

Previews

White Background



This preview shows how the YIQ color 184.4550, 61.2100, -7.9900 looks on a white background.

Color Contrast Check

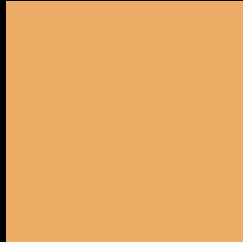
Large Text (above 18pt) WCAG AA × Fail

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 184.4550, 61.2100, -7.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

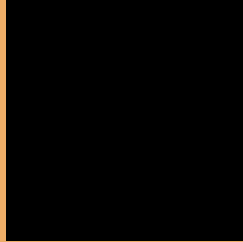
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.4550, 61.2100, -7.9900

Background



This preview shows how black text looks on a background with the YIQ color 184.4550, 61.2100, -7.9900.



This preview shows how white text looks on a background with the YIQ color 184.4550, 61.2100, -7.9900.

-7.9900.

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

184.4550, 61.2100, -7.9900

Protanopia

182.4900, 35.7660, -20.4420

Deuteranopia

184.2860, 54.1960, -13.0360



Tritanopia

189.4020, 43.5070, 21.0030

Trichromacy



Original Color

184.4550, 61.2100, -7.9900

Protanomaly

182.9150, 44.9350, -15.9050

Deuteranomaly

184.3080, 57.1300, -11.1420

Tritanomaly

187.4870, 50.1570, 10.6130

Monochromacy



Original Color

184.4550, 61.2100, -7.9900

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.3260, 22.3290, -2.6870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.4550, 61.2100, -7.9900 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(238, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(238, 173, 103)  
}
```

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(238, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 173, 103) }
```

Border

The CSS property to change the border of an element to YIQ 184.4550, 61.2100, -7.9900 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(238, 173, 103) }
```


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

```
.border{ border-color:rgb(238, 173, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 173, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(238, 173,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 184.4550, 61.2100, -7.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 173, 103) }
```

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

```
.background{ background-color: rgb(238,  
173, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor