

Converting Colors

YIQ(215.9100, 18.1090, 7.7170)

Have a look what the booklet for
YIQ(215.9100, 18.1090, 7.7170)
contains.

YIQ(215.9100, 18.1090, 7.7170)	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(215.9100, 18.1090,
7.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	EECED1
RGB	238, 206, 209
RGB Percent	93%, 81%, 82%
CMY	0.0666, 0.1922, 0.1803
CMYK	0.00, 0.13, 0.12, 0.07
HSL	354°, 49%, 87%
HSV	354°, 13%, 93%
XYZ	68.8455, 66.9211, 69.6216
YIQ	215.9100, 18.1090, 7.7170

Conversions

Conversions Part 2

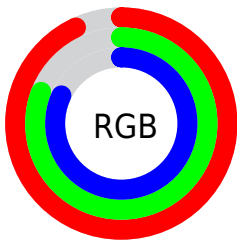
Format	Color
R _Y B	238, 206, 209
Decimal	15650513
CIE Lab	85.46, 11.69, 2.64
CIE LCh	85, 11.985, 12.703
Yxy	66.9211, 0.3352, 0.3258
Android (android.graphics.Color)	4293840593 (0xFFEECED1)
YUV	215.9100, -3.4066, 19.3729
Hunter-Lab	81.8053, 7.0623, 6.8041

Details

The YIQ color **215.9100, 18.1090, 7.7170** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228.0900, -18.1090, -7.7170**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.3120, 16.9170, 7.2930** is the 20% darker color. If you saturate the color by 10%, you get **199.3140, 31.7710, 13.4270**, and if you desaturate by 10%, it is **232.5060, 4.4470, 2.0070**.

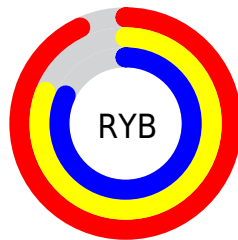
Distribution



Red (93%)

Green (81%)

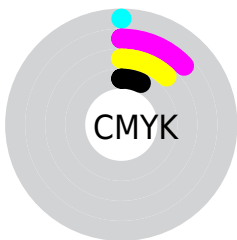
Blue (82%)



Red (93%)

Yellow (81%)

Blue (82%)

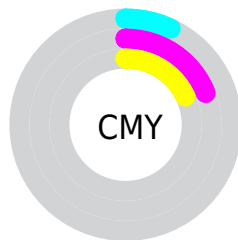


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.9100, 18.1090, 7.7170 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 215.9100, 18.1090, 7.7170 by changing the saturation by 10% instead.


 215.9100, 18.1090,
7.7170


 215.9100, 18.1090,
7.7170


255.0000, -0.0000,
-0.0000


 187.9100, 18.1090,
7.7170

 161.3120, 16.9170,
7.2930

 135.0130, 16.3210,
7.0810

 109.7140, 15.7250,
6.8690

 85.1160, 14.5330,
6.4450

 61.8170, 13.9370,
6.2330

 39.2190, 12.7450,

5.8090

■ 18.2190, 12.7450,
5.8090

■ 0.0000, 0.0000,
0.0000

■ 215.9100, 18.1090,
7.7170

■ 215.9100, 18.1090,
7.7170

■ 199.3140, 31.7710,
13.4270

■ 232.5060, 4.4470,
2.0070

■ 182.8320, 45.1120,
19.4480

■ 248.9880, -8.8940,
-4.0140

■ 166.8230, 58.4990,
24.6350

■ 249.9170,
-10.1320, -3.6040

■ 150.3410, 71.8400,
30.6560

■ 133.7450, 85.5020,
36.3660

■ 117.2630, 98.8430,
42.3870

■ 100.6670,
112.5050, 48.0970

■ 84.7720, 125.5710,
53.5950

■ 73.6700, 134.7860,
57.2980

Harmonies

Analogous

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



216.3700, 11.0020, 9.8660



215.9100, 18.1090, 7.7170



215.0580, 20.4480, 3.8720

Triad

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



215.9100, 18.1090, 7.7170



211.7190, -1.0070, -9.2870



212.4740, -18.8900, 0.9340

Complementary

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



215.9100, 18.1090, 7.7170



228.0900, -18.1090, -7.7170

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.



210.4580, -21.9610, -3.9850



215.9100, 18.1090, 7.7170



210.3310, -11.5980, -10.0780

Square

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



215.9100, 18.1090, 7.7170



212.6880, 9.4460, -5.9940



209.6060, -19.6220, -7.8300



214.0130, -10.0420, 5.7820

Rectangle

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



215.9100, 18.1090, 7.7170



214.1670, 18.5230, 0.2110



209.6060, -19.6220, -7.8300



211.6370, -20.9070, -1.0590

Sweetspot

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



215.9100, 18.1090, 7.7170



248.1040, 5.6390, 2.4310



218.3190, 7.0120, 16.1000



123.2070, 3.8510, 1.7950



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.



215.9100, 18.1090, 7.7170



226.7150, 23.1520, 9.9360



223.1990, 15.4970, -0.0150



111.7020, 6.8310, 2.8550



56.9540, 104.2070, 44.2950



17.3140, 31.7710, 13.4270

Inverse Universe

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



215.9100, 18.1090, 7.7170



226.7150, 23.1520, 9.9360



220.8010, -15.4970, 0.0150



111.7020, 6.8310, 2.8550



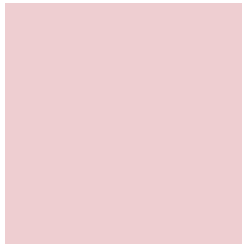
56.9540, 104.2070, 44.2950



17.3140, 31.7710, 13.4270

Previews

White Background



This preview shows how the YIQ color 215.9100, 18.1090, 7.7170 looks on a white background.

Color Contrast Check

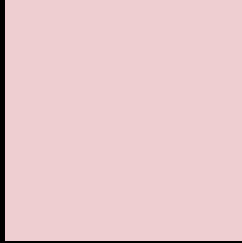
Large Text (above 18pt) WCAG AA × Fail

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 215.9100, 18.1090, 7.7170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

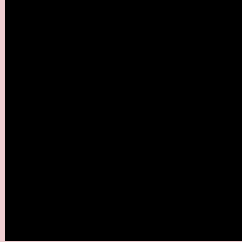
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.9100, 18.1090, 7.7170

Background



This preview shows how black text looks on a background with the YIQ color 215.9100, 18.1090, 7.7170.



This preview shows how white text looks on a background with the YIQ color 215.9100, 18.1090,

7.7170.

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

215.9100, 18.1090, 7.7170

Protanopia

214.4950, 2.9800, 1.0600

Deuteranopia

215.8990, 16.6420, 6.7700



Tritanopia

216.2890, 15.7240, 12.3960

Trichromacy



Original Color

215.9100, 18.1090, 7.7170

Protanomaly

214.7130, 8.2980, 3.8020

Deuteranomaly

216.1980, 17.2380, 6.9820

Tritanomaly

216.4200, 16.7330, 10.6290

Monochromacy



Original Color

215.9100, 18.1090, 7.7170

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.7020, 6.8310, 2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9100, 18.1090, 7.7170 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, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 209)  
}
```

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, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 209) }
```

Border

The CSS property to change the border of an element to YIQ 215.9100, 18.1090, 7.7170 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, 206, 209) }
```


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

```
.border{ border-color:rgb(238, 206, 209) }
```

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

Here you see how a box with a 4 pixel rgb(238, 206, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9100, 18.1090, 7.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 209) }
```

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

```
.background{ background-color: rgb(238,  
206, 209) }
```

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