

Converting Colors

YIQ(195.5920, 36.8600, 14.8120)

Have a look what the booklet for
YIQ(195.5920, 36.8600, 14.8120)
contains.

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Color

**YIQ(195.5920, 36.8600,
14.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B0B4
RGB	240, 176, 180
RGB Percent	94%, 69%, 71%
CMY	0.0587, 0.3099, 0.2940
CMYK	0.00, 0.27, 0.25, 0.06
HSL	356°, 68%, 82%
HSV	356°, 27%, 94%
XYZ	59.7106, 52.8691, 50.2572
YIQ	195.5920, 36.8600, 14.8120

Conversions

Conversions Part 2

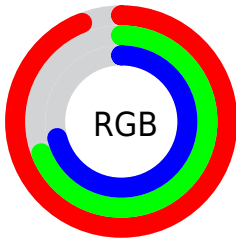
Format	Color
R _Y B	240, 176, 180
Decimal	15773876
CIE _{Lab}	77.80, 23.93, 7.16
CIE _{LCh}	78, 24.974, 16.650
Y _{xy}	52.8691, 0.3667, 0.3247
Android (android.graphics.Color)	4293963956 (0xFFFF0B0B4)
YUV	195.5920, -7.6869, 38.9458
Hunter-Lab	72.7111, 19.3403, 9.9171

Details

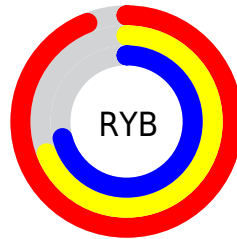
The YIQ color $195.5920, 36.8600, 14.8120$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $220.4080, -36.8600, -14.8120$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.3330, 12.4240, 6.1200$, and $141.3960, 34.4760, 13.9640$ is the 20% darker color. If you saturate the color by 10%, you get $178.9960, 50.5220, 20.5220$, and if you desaturate by 10%, it is $212.3020, 22.8770, 9.4130$.

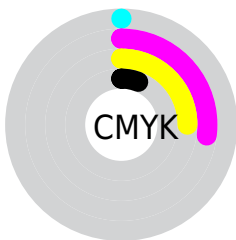
Distribution



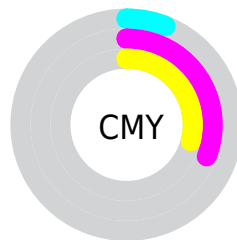
- Red (94%)
- Green (69%)
- Blue (71%)



- Red (94%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.5920, 36.8600, 14.8120 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 195.5920, 36.8600, 14.8120 by changing the saturation by 10% instead.


 195.5920, 36.8600,
14.8120


 195.5920, 36.8600,
14.8120


255.0000, -0.0000,
-0.0000


 167.9940, 35.6680,
14.3880


 239.3330, 12.4240,
6.1200

 141.3960, 34.4760,
13.9640

 115.4990, 32.6880,
13.3280

 90.0150, 31.1750,
13.2150

 66.2320, 29.0660,
12.8900

 42.4490, 26.9570,
12.5650

 19.8510, 25.7650,

12.1410

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 195.5920, 36.8600,
14.8120

■ 195.5920, 36.8600,
14.8120

■ 178.9960, 50.5220,
20.5220

■ 212.3020, 22.8770,
9.4130

■ 162.2860, 64.5050,
25.9210

■ 228.8980, 9.2150,
3.7030

■ 145.6900, 78.1670,
31.6310

■ 245.4940, -4.4470,
-2.0070

■ 128.9800, 92.1500,
37.0300

■ 250.5150, -8.9400,
-3.1800

■ 112.3840,
105.8120, 42.7400

■ 95.6740, 119.7950,
48.1390

■ 79.0780, 133.4570,
53.8490

■ 73.4700, 138.2250,
55.5450

Harmonies

Analogous

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



196.5230, 24.1130, 20.0570



195.5920, 36.8600, 14.8120



194.1650, 39.2000, 5.4400

Triad

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



195.5920, 36.8600, 14.8120



187.0570, -5.3150, -19.3230



188.3930, -40.5310, 2.1650

Complementary

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



195.5920, 36.8600, 14.8120



220.4080, -36.8600, -14.8120

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.



183.6810, -50.5700, -8.6340



195.5920, 36.8600, 14.8120



184.3240, -28.0560, -20.1840

Square

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



195.5920, 36.8600, 14.8120



189.9410, 15.6830, -14.4050



181.9770, -45.8920, -16.3240



192.8520, -19.5340, 12.6100

Rectangle

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



195.5920, 36.8600, 14.8120



193.2690, 35.6710, -2.1930



181.9770, -45.8920, -16.3240



186.5340, -45.4820, -1.7220

Sweetspot

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



195.5920, 36.8600, 14.8120



241.0940, 11.5990, 4.5510



201.2360, 15.2160, 32.6240



119.0010, 7.4270, 3.0670



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.



195.5920, 36.8600, 14.8120



198.2020, 46.9460, 19.2500



211.5720, 30.4440, -1.0760



111.7020, 6.8310, 2.8550



56.3840, 105.8120, 42.7400



17.2000, 32.0920, 13.1160

Inverse Universe

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



195.5920, 36.8600, 14.8120



198.2020, 46.9460, 19.2500



204.4280, -30.4440, 1.0760



111.7020, 6.8310, 2.8550



56.3840, 105.8120, 42.7400



17.2000, 32.0920, 13.1160

Previews

White Background



This preview shows how the YIQ color 195.5920, 36.8600, 14.8120 looks on a white background.

Color Contrast Check

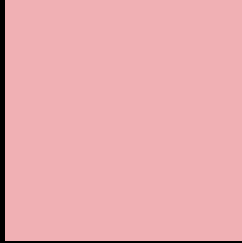
Large Text (above 18pt) WCAG AA × Fail

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 195.5920, 36.8600, 14.8120 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 195.5920, 36.8600, 14.8120

Background



This preview shows how black text looks on a background with the YIQ color 195.5920, 36.8600, 14.8120.



This preview shows how white text looks on a background with the YIQ color 195.5920, 36.8600,

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

195.5920, 36.8600, 14.8120

Protanopia

193.1530, 3.9430, 0.1270

Deuteranopia

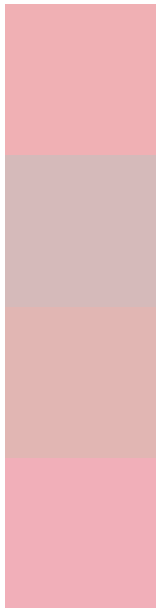
194.3570, 21.0440, 4.0840



Tritanopia

196.2160, 35.1630, 18.0350

Trichromacy



Original Color

195.5920, 36.8600, 14.8120

Protanomaly

194.0730, 16.0920, 5.7240

Deuteranomaly

194.5150, 26.5910, 8.1830

Tritanomaly

195.8740, 36.1260, 17.1020

Monochromacy



Original Color

195.5920, 36.8600, 14.8120

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9910, 13.3870, 5.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.5920, 36.8600, 14.8120 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(240, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(240, 176, 180)  
}
```

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(240, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 176, 180) }
```

Border

The CSS property to change the border of an element to YIQ 195.5920, 36.8600, 14.8120 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(240, 176, 180) }
```


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

```
.border{ border-color:rgb(240, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(240, 176,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 195.5920, 36.8600, 14.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 176, 180) }
```

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

```
.background{ background-color: rgb(240,  
176, 180) }
```

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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