

Converting Colors

YIQ(195.2330, 36.4930, 15.9570)

Have a look what the booklet for
YIQ(195.2330, 36.4930, 15.9570)
contains.

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Color

**YIQ(195.2330, 36.4930,
15.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AFB6
RGB	240, 175, 182
RGB Percent	94%, 69%, 71%
CMY	0.0587, 0.3138, 0.2861
CMYK	0.00, 0.27, 0.24, 0.06
HSL	353°, 69%, 81%
HSV	353°, 27%, 94%
XYZ	59.7208, 52.5605, 51.2728
YIQ	195.2330, 36.4930, 15.9570

Conversions

Conversions Part 2

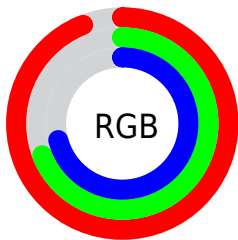
Format	Color
R_{YB}	240, 175, 182
Decimal	15773622
CIE _{Lab}	77.61, 24.74, 5.81
CIE _{LCh}	78, 25.412, 13.208
Yxy	52.5605, 0.3651, 0.3214
Android (android.graphics.Color)	4293963702 (0xFFFF0AFB6)
YUV	195.2330, -6.5239, 39.2607
Hunter-Lab	72.4987, 20.1668, 8.8177

Details

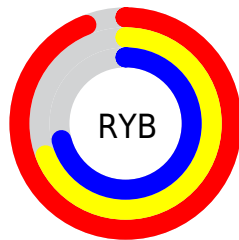
The YIQ color $195.2330, 36.4930, 15.9570$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $219.7670, -36.4930, -15.9570$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $238.9740, 12.0570, 7.2650$, and $141.0370, 34.1090, 15.1090$ is the 20% darker color. If you saturate the color by 10%, you get $178.7510, 49.8340, 21.9780$, and if you desaturate by 10%, it is $211.7150, 23.1520, 9.9360$.

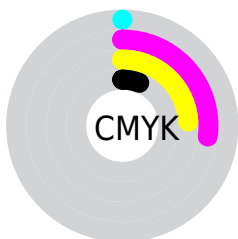
Distribution



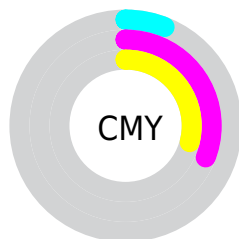
- Red (94%)
- Green (69%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (6%)





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.2330, 36.4930, 15.9570 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 195.2330, 36.4930, 15.9570 by changing the saturation by 10% instead.


 195.2330, 36.4930,
15.9570


 195.2330, 36.4930,
15.9570


255.0000, -0.0000,
-0.0000


 167.6350, 35.3010,
15.5330


 238.9740, 12.0570,
7.2650

 141.0370, 34.1090,
15.1090

 115.1400, 32.3210,
14.4730

 89.6560, 30.8080,
14.3600

 65.7590, 29.0200,
13.7240

 42.3890, 27.1860,
13.9220

 19.4920, 25.3980,

13.2860

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 195.2330, 36.4930,
15.9570

■ 195.2330, 36.4930,
15.9570

■ 178.7510, 49.8340,
21.9780

■ 211.7150, 23.1520,
9.9360

■ 162.1550, 63.4960,
27.6880

■ 228.3110, 9.4900,
4.2260

■ 145.6730, 76.8370,
33.7090

■ 244.7930, -3.8510,
-1.7950

■ 129.0770, 90.4990,
39.4190

■ 250.5150, -8.9400,
-3.1800

■ 112.5950,
103.8400, 45.4400

■ 96.1130, 117.1810,
51.4610

■ 79.5170, 130.8430,
57.1710

■ 74.7240, 134.6940,
58.9660

Harmonies

Analogous

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



195.8650, 23.1500, 20.9900



195.2330, 36.4930, 15.9570



193.9910, 39.7500, 6.4860

Triad

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



195.2330, 36.4930, 15.9570



186.7260, -2.8850, -19.3090



186.7840, -43.1900, 0.7940

Complementary

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



195.2330, 36.4930, 15.9570



219.7670, -36.4930, -15.9570

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.



182.2570, -52.3120, -10.1040



195.2330, 36.4930, 15.9570



183.5800, -25.9010, -20.6930

Square

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



195.2330, 36.4930, 15.9570



190.0230, 18.3880, -13.8680



181.3360, -45.5250, -17.4690



191.7700, -22.2390, 12.0730

Rectangle

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



195.2330, 36.4930, 15.9570



192.3940, 36.8170, -0.9350



181.3360, -45.5250, -17.4690



185.2240, -47.5450, -2.8810

Sweetspot

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



195.2330, 36.4930, 15.9570



241.2080, 11.2780, 4.8620



199.4530, 13.1070, 32.2990



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.



195.2330, 36.4930, 15.9570



197.1420, 47.1750, 20.6070



209.1100, 31.8650, 0.7050



111.7020, 6.8310, 2.8550



57.2960, 103.2440, 45.2280



17.4280, 31.4500, 13.7380

Inverse Universe

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



195.2330, 36.4930, 15.9570



197.1420, 47.1750, 20.6070



205.8900, -31.8650, -0.7050



111.7020, 6.8310, 2.8550



57.2960, 103.2440, 45.2280



17.4280, 31.4500, 13.7380

Previews

White Background



This preview shows how the YIQ color 195.2330, 36.4930, 15.9570 looks on a white background.

Color Contrast Check

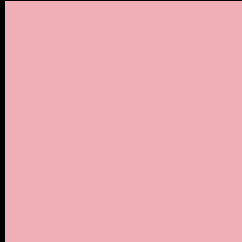
Large Text (above 18pt) WCAG AA × Fail

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 195.2330, 36.4930, 15.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

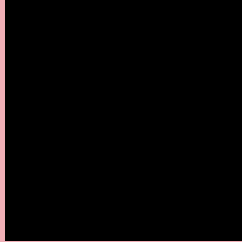
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.2330, 36.4930, 15.9570

Background



This preview shows how black text looks on a background with the YIQ color 195.2330, 36.4930, 15.9570.



This preview shows how white text looks on a background with the YIQ color 195.2330, 36.4930,

15.9570.

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

195.2330, 36.4930, 15.9570

Protanopia

192.4950, 2.9800, 1.0600

Deuteranopia

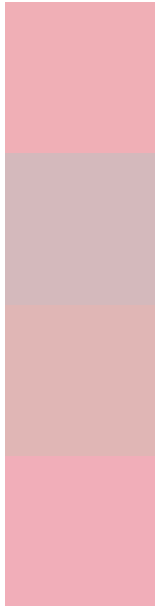
193.9870, 19.2100, 4.2820



Tritanopia

195.5150, 35.7590, 18.2470

Trichromacy



Original Color

195.2330, 36.4930, 15.9570

Protanomaly

193.4150, 15.1290, 6.6570

Deuteranomaly

194.4440, 25.3530, 8.5930

Tritanomaly

195.2870, 36.4010, 17.6250

Monochromacy



Original Color

195.2330, 36.4930, 15.9570

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.1050, 13.0660, 5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2330, 36.4930, 15.9570 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, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 182)  
}
```

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, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 182) }
```

Border

The CSS property to change the border of an element to YIQ 195.2330, 36.4930, 15.9570 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, 175, 182) }
```


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

```
.border{ border-color:rgb(240, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2330, 36.4930, 15.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 182) }
```

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

```
.background{ background-color: rgb(240,  
175, 182) }
```

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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