

Converting Colors

YIQ(194.9200, 30.4850, 25.7250)

Have a look what the booklet for
YIQ(194.9200, 30.4850, 25.7250)
contains.

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Color

**YIQ(194.9200, 30.4850,
25.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AACD
RGB	240, 170, 205
RGB Percent	94%, 67%, 80%
CMY	0.0586, 0.3334, 0.1960
CMYK	0.00, 0.29, 0.15, 0.06
HSL	330°, 70%, 80%
HSV	330°, 29%, 94%
XYZ	61.3431, 51.6811, 64.5151
YIQ	194.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

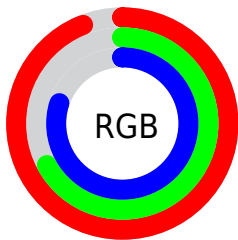
Format	Color
R_{YB}	240, 170, 205
Decimal	15772365
CIE Lab	77.09, 30.85, -7.48
CIE LCh	77, 31.741, 346.364
Yxy	51.6811, 0.3455, 0.2911
Android (android.graphics.Color)	4293962445 (0xFFF0AACD)
YUV	194.9200, 4.9694, 39.5352
Hunter-Lab	71.8895, 26.5066, -2.8853

Details

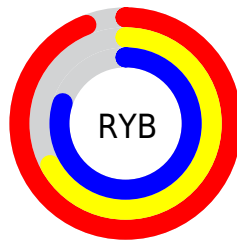
The YIQ color $194.9200, 30.4850, 25.7250$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $215.0800, -30.4850, -25.7250$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $140.6100, 28.4220, 24.5660$ is the 20% darker color. If you saturate the color by 10%, you get $179.4640, 40.9370, 34.5450$, and if you desaturate by 10%, it is $210.3760, 20.0330, 16.9050$.

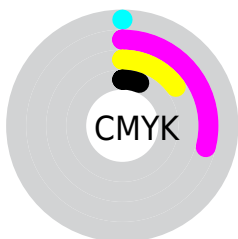
Distribution



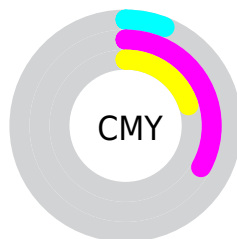
- Red (94%)
- Green (67%)
- Blue (80%)



- Red (94%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (6%)




- Cyan (6%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.9200, 30.4850, 25.7250 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 194.9200, 30.4850, 25.7250 by changing the saturation by 10% instead.


 194.9200, 30.4850,
25.7250


 194.9200, 30.4850,
25.7250


255.0000, -0.0000,
-0.0000


 167.3220, 29.2930,
25.3010


 237.9770, 7.9750,
15.1670

 140.6100, 28.4220,
24.5660

 114.5990, 26.9550,
23.6190

 89.3000, 26.3590,
23.4070

 64.7020, 25.1670,
22.9830

 40.2180, 23.6540,
22.8700

 19.4950, 21.3160,

21.1880

■ 10.0670, 16.2290,
8.7490

■ 0.0000, 0.0000,
0.0000

■ 194.9200, 30.4850,
25.7250

■ 194.9200, 30.4850,
25.7250

■ 179.4640, 40.9370,
34.5450

■ 210.3760, 20.0330,
16.9050

■ 164.0080, 51.3890,
43.3650

■ 225.8320, 9.5810,
8.0850

■ 148.5520, 61.8410,
52.1850

■ 241.2880, -0.8710,
-0.7350

■ 133.0960, 72.2930,
61.0050

■ 250.2870, -8.2980,
-3.8020

■ 117.6400, 82.7450,
69.8250

■ 250.5150, -8.9400,
-3.1800

■ 102.1840, 93.1970,
78.6450

■ 86.7280, 103.6490,
87.4650

■ 85.4400, 104.5200,
88.2000

Harmonies

Analogous

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



194.2190, 4.7180, 24.6380



194.9200, 30.4850, 25.7250



193.9030, 46.3500, 19.0380

Triad

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



194.9200, 30.4850, 25.7250



187.4590, 19.8560, -18.4480



176.6940, -69.7800, -12.9160

Complementary

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



194.9200, 30.4850, 25.7250



215.0800, -30.4850, -25.7250

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.



175.4910, -62.2590, -22.5710



194.9200, 30.4850, 25.7250



183.1120, -7.1480, -24.6520

Square

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



194.9200, 30.4850, 25.7250



189.9610, 39.2940, -7.2820



179.2580, -36.8580, -25.8660



183.5640, -54.1940, 1.9820

Rectangle

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



194.9200, 30.4850, 25.7250



192.7150, 49.5150, 11.2350



179.2580, -36.8580, -25.8660



175.1730, -69.8710, -16.7750

Sweetspot

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



194.9200, 30.4850, 25.7250



240.2450, 9.8560, 8.6080



188.1460, -2.2060, 28.9780



118.2830, 6.6930, 5.3570



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.



194.9200, 30.4850, 25.7250



197.6270, 38.9200, 32.5520



191.0440, 41.3990, 15.1510



112.2720, 5.2260, 4.4100



65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Inverse Universe

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



194.9200, 30.4850, 25.7250



197.6270, 38.9200, 32.5520



218.9560, -41.3990, -15.1510



112.2720, 5.2260, 4.4100



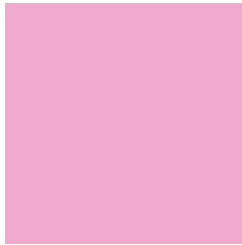
65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 194.9200, 30.4850, 25.7250 looks on a white background.

Color Contrast Check

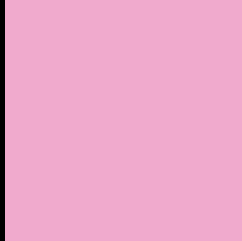
Large Text (above 18pt) WCAG AA × Fail

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 194.9200, 30.4850, 25.7250 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 194.9200, 30.4850, 25.7250

Background



This preview shows how black text looks on a background with the YIQ color 194.9200, 30.4850, 25.7250.



This preview shows how white text looks on a background with the YIQ color 194.9200, 30.4850,

25.7250.

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

194.9200, 30.4850, 25.7250

Protanopia

191.2950, -10.7760, 8.0720

Deuteranopia

192.6190, 5.8670, 9.3150



Tritanopia

193.9170, 34.5670, 17.8230

Trichromacy



Original Color

194.9200, 30.4850, 25.7250

Protanomaly

192.7100, 4.3530, 14.7290

Deuteranomaly

193.6850, 14.6690, 14.9970

Tritanomaly

194.4270, 33.1910, 20.7350

Monochromacy



Original Color

194.9200, 30.4850, 25.7250

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.9200, 30.4850, 25.7250 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, 170, 205)` looks like.

```
.text, #text, p{  
    color:rgb(240, 170, 205)  
}
```

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, 170, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 170, 205) }
```

Border

The CSS property to change the border of an element to YIQ 194.9200, 30.4850, 25.7250 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, 170, 205) }
```


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

```
.border{ border-color:rgb(240, 170, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 170, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 170, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 170, 205);  
box-shadow:4px 4px 4px 4px rgb(240, 170,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 194.9200, 30.4850, 25.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 170, 205) }
```

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

```
.background{ background-color: rgb(240,  
170, 205) }
```

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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