

Converting Colors

YIQ(200.4220, 31.5870, 16.7630)

Have a look what the booklet for
YIQ(200.4220, 31.5870, 16.7630)
contains.

YIQ(200.4220, 31.5870, 16.7630)	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(200.4220, 31.5870,
16.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B5C2
RGB	241, 181, 194
RGB Percent	95%, 71%, 76%
CMY	0.0547, 0.2903, 0.2391
CMYK	0.00, 0.25, 0.20, 0.05
HSL	347°, 68%, 83%
HSV	347°, 25%, 95%
XYZ	62.5484, 55.6414, 58.4995
YIQ	200.4220, 31.5870, 16.7630

Conversions

Conversions Part 2

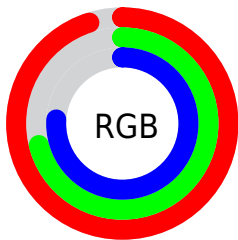
Format	Color
R _Y B	241, 181, 194
Decimal	15840706
CIE Lab	79.41, 23.66, 1.91
CIE LCh	79, 23.736, 4.612
Yxy	55.6414, 0.3540, 0.3149
Android (android.graphics.Color)	4294030786 (0xFFFF1B5C2)
YUV	200.4220, -3.1660, 35.5869
Hunter-Lab	74.5932, 19.1391, 5.7172

Details

The YIQ color $200.4220, 31.5870, 16.7630$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $221.5780, -31.5870, -16.7630$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.8640, 6.5550, 7.8590$, and $146.1120, 29.5240, 15.6040$ is the 20% darker color. If you saturate the color by 10%, you get $184.1680, 44.2860, 23.4060$, and if you desaturate by 10%, it is $216.6760, 18.8880, 10.1200$.

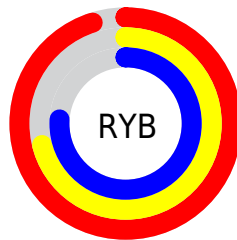
Distribution



Red (95%)

Green (71%)

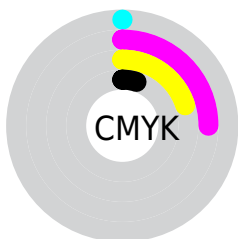
Blue (76%)



Red (95%)

Yellow (71%)

Blue (76%)

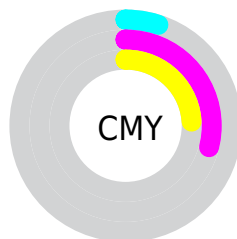


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (5%)



Cyan (5%)


Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.4220, 31.5870, 16.7630 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 200.4220, 31.5870, 16.7630 by changing the saturation by 10% instead.


 200.4220, 31.5870,
16.7630


 200.4220, 31.5870,
16.7630


255.0000, -0.0000,
-0.0000


 172.8240, 30.3950,
16.3390


 243.8640, 6.5550,
7.8590

 146.2260, 29.2030,
15.9150

 119.9270, 28.6070,
15.7030

 95.0300, 26.8190,
15.0670

 70.4320, 25.6270,
14.6430

 47.5350, 23.8390,
14.0070

 24.2790, 21.6840,

14.5160

■ 10.5790, 20.5390,
7.7310

■ 0.0000, 0.0000,
0.0000

■ 200.4220, 31.5870,
16.7630

■ 200.4220, 31.5870,
16.7630

■ 184.1680, 44.2860,
23.4060

■ 216.6760, 18.8880,
10.1200

■ 167.9140, 56.9850,
30.0490

■ 232.9300, 6.1890,
3.4770

■ 151.6600, 69.6840,
36.6920

■ 249.1840, -6.5100,
-3.1660

■ 135.5200, 82.0620,
43.6460

■ 250.8140, -8.3440,
-2.9680

■ 118.6790, 95.0360,
50.8120

■ 102.4250,
107.7350, 57.4550

■ 86.1710, 120.4340,
64.0980

■ 77.9870, 126.9440,
67.2640

Harmonies

Analogous

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



200.8040, 15.9520, 19.2800



200.4220, 31.5870, 16.7630



199.2020, 37.7780, 9.1860

Triad

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



200.4220, 31.5870, 16.7630



193.0150, 3.6710, -16.9770



190.9040, -43.6480, -1.9200

Complementary

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



200.4220, 31.5870, 16.7630



221.5780, -31.5870, -16.7630

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.



187.6550, -47.6810, -11.4330



200.4220, 31.5870, 16.7630



190.4130, -18.0610, -19.6050

Square

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



200.4220, 31.5870, 16.7630



195.2840, 22.1470, -10.4050



187.5280, -37.3180, -17.5260



195.9110, -27.1900, 8.1860

Rectangle

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



200.4220, 31.5870, 16.7630



198.5020, 36.6330, 2.4010



187.5280, -37.3180, -17.5260



189.8280, -46.4900, -5.4820

Sweetspot

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



200.4220, 31.5870, 16.7630



242.8380, 9.4440, 5.0600



201.5940, 8.1560, 28.4120



120.6310, 5.5930, 3.2650



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.



200.4220, 31.5870, 16.7630



203.5480, 40.1600, 21.0880



208.3320, 31.3600, 4.3520



111.8160, 6.5100, 3.1660



59.5760, 96.8240, 51.4480



18.1120, 29.5240, 15.6040

Inverse Universe

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



200.4220, 31.5870, 16.7630



203.5480, 40.1600, 21.0880



213.6680, -31.3600, -4.3520



111.8160, 6.5100, 3.1660



59.5760, 96.8240, 51.4480



18.1120, 29.5240, 15.6040

Previews

White Background



This preview shows how the YIQ color 200.4220, 31.5870, 16.7630 looks on a white background.

Color Contrast Check

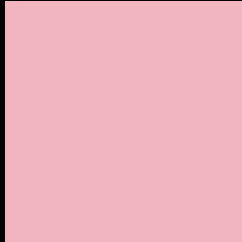
Large Text (above 18pt) WCAG AA × Fail

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 200.4220, 31.5870, 16.7630 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 200.4220, 31.5870, 16.7630

Background



This preview shows how black text looks on a background with the YIQ color 200.4220, 31.5870, 16.7630.



This preview shows how white text looks on a background with the YIQ color 200.4220, 31.5870,

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

200.4220, 31.5870, 16.7630

Protanopia

197.6950, -0.4590, 2.8130

Deuteranopia

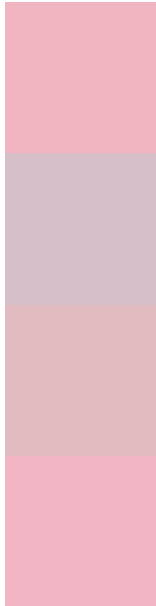
199.1870, 15.7710, 6.0350



Tritanopia

200.5360, 31.2660, 17.0740

Trichromacy



Original Color

200.4220, 31.5870, 16.7630

Protanomaly

198.9030, 10.8190, 7.6750

Deuteranomaly

199.3450, 21.3180, 10.1340

Tritanomaly

200.5360, 31.2660, 17.0740

Monochromacy



Original Color

200.4220, 31.5870, 16.7630

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1480, 11.5070, 6.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.4220, 31.5870, 16.7630 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(241, 181, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 181, 194)  
}
```

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(241, 181, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 181, 194) }
```

Border

The CSS property to change the border of an element to YIQ 200.4220, 31.5870, 16.7630 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(241, 181, 194) }
```


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

```
.border{ border-color:rgb(241, 181, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 181, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 181, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 181, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 181,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 200.4220, 31.5870, 16.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 181, 194) }
```

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

```
.background{ background-color: rgb(241,  
181, 194) }
```

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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