

Converting Colors

YIQ(206.8880, 33.5110, 25.9510)

Have a look what the booklet for
YIQ(206.8880, 33.5110, 25.9510)
contains.

YIQ(206.8880, 33.5110, 25.9510)	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(206.8880, 33.5110,
25.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5D6
RGB	255, 181, 214
RGB Percent	100%, 71%, 84%
CMY	0.0000, 0.2903, 0.1607
CMYK	0.00, 0.29, 0.16, 0.00
HSL	333°, 100%, 85%
HSV	333°, 29%, 100%
XYZ	69.8987, 59.1516, 71.3700
YIQ	206.8880, 33.5110, 25.9510

Conversions

Conversions Part 2

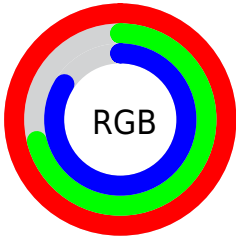
Format	Color
R _Y B	255, 181, 214
Decimal	16758230
CIE Lab	81.37, 31.60, -5.85
CIE LCh	81, 32.132, 349.519
Yxy	59.1516, 0.3488, 0.2951
Android (android.graphics.Color)	4294948310 (0xFFFFB5D6)
YUV	206.8880, 3.5062, 42.1942
Hunter-Lab	76.9101, 27.6347, -1.1821

Details

The YIQ color $206.8880, 33.5110, 25.9510$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $229.1120, -33.5110, -25.9510$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $244.4340, 4.9500, 9.4140$, and $151.5780, 31.4480, 24.7920$ is the 20% darker color. If you saturate the color by 10%, you get $190.0300, 45.1550, 35.1950$, and if you desaturate by 10%, it is $223.1590, 22.1420, 17.2300$.

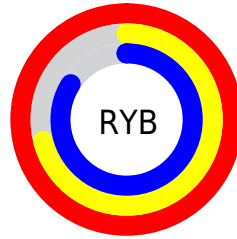
Distribution



Red (100%)

Green (71%)

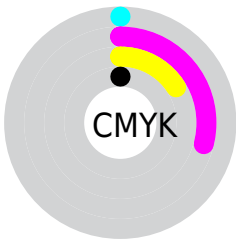
Blue (84%)



Red (100%)

Yellow (71%)

Blue (84%)

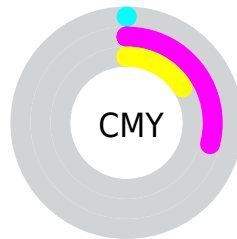


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.8880, 33.5110, 25.9510 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 206.8880, 33.5110, 25.9510 by changing the saturation by 10% instead.


 206.8880, 33.5110,
25.9510


 206.8880, 33.5110,
25.9510


255.0000, -0.0000,
-0.0000


 179.1760, 32.6400,
25.2160


 244.4340, 4.9500,
9.4140

 151.5780, 31.4480,
24.7920

 125.5670, 29.9810,
23.8450

 99.9690, 28.7890,
23.4210

 75.0720, 27.0010,
22.7850

 50.8870, 26.0840,
22.8840

 25.6420, 25.3960,

24.3400

■ 14.9090, 19.8500,
14.7140

■ 0.0000, 0.0000,
0.0000

■ 206.8880, 33.5110,
25.9510

■ 206.8880, 33.5110,
25.9510

■ 190.0300, 45.1550,
35.1950

■ 223.1590, 22.1420,
17.2300

■ 173.7590, 56.5240,
43.9160

■ 240.0170, 10.4980,
7.9860

■ 156.9010, 68.1680,
53.1600

255.0000, -0.0000,
-0.0000

■ 140.6300, 79.5370,
61.8810

■ 123.6580, 91.5020,
70.8140

■ 107.3870,
102.8710, 79.5350

■ 90.5290, 114.5150,
88.7790

■ 89.2410, 115.3860,
89.5140

Harmonies

Analogous

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



206.7140, 7.6980, 25.6980



206.8880, 33.5110, 25.9510



203.3540, 43.4620, 16.3100

Triad

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



206.8880, 33.5110, 25.9510



198.1490, 17.7930, -19.6070



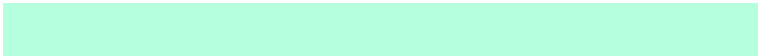
188.7480, -69.8720, -11.2480

Complementary

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



206.8880, 33.5110, 25.9510



229.1120, -33.5110, -25.9510

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.



186.9360, -65.0100, -22.2740



206.8880, 33.5110, 25.9510



194.6170, -10.1280, -25.7120

Square

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



206.8880, 33.5110, 25.9510



201.6080, 38.7900, -9.1620



189.9910, -40.4800, -26.3040



195.7170, -50.2510, 2.1090

Rectangle

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



206.8880, 33.5110, 25.9510



203.0630, 48.4150, 9.1430



189.9910, -40.4800, -26.3040



187.5150, -70.8340, -15.8420

Sweetspot

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



206.8880, 33.5110, 25.9510



240.0170, 10.4980, 7.9860



201.6950, 0.6820, 31.7060



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.



206.8880, 33.5110, 25.9510



197.1710, 40.2040, 31.3080



205.4740, 43.0040, 13.5960



119.4570, 6.1430, 4.3110



66.7990, 86.5510, 66.9270



22.3280, 29.1560, 22.2760

Inverse Universe

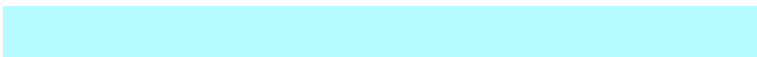
The Inverse Universe completely reimagines the original color for something new.



206.8880, 33.5110, 25.9510



197.1710, 40.2040, 31.3080



230.5260, -43.0040, -13.5960



119.4570, 6.1430, 4.3110



66.7990, 86.5510, 66.9270



22.3280, 29.1560, 22.2760

Previews

White Background



This preview shows how the YIQ color 206.8880, 33.5110, 25.9510 looks on a white background.

Color Contrast Check

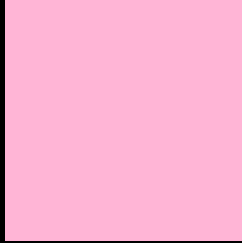
Large Text (above 18pt) WCAG AA × Fail

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 206.8880, 33.5110, 25.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

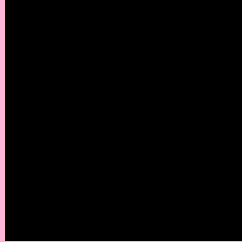
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.8880, 33.5110, 25.9510

Background



This preview shows how black text looks on a background with the YIQ color 206.8880, 33.5110, 25.9510.



This preview shows how white text looks on a background with the YIQ color 206.8880, 33.5110,

25.9510.

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

206.8880, 33.5110, 25.9510

Protanopia

203.2520, -9.2170, 7.3510

Deuteranopia

204.2880, 8.2970, 9.3290



Tritanopia

206.2270, 36.6300, 18.9820

Trichromacy



Original Color

206.8880, 33.5110, 25.9510



Protanomaly

204.6670, 5.9120, 14.0080



Deuteranomaly

205.3540, 17.0990, 15.0110



Tritanomaly

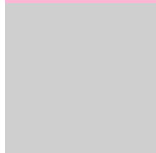
206.6230, 35.5750, 21.5830

Monochromacy



Original Color

206.8880, 33.5110, 25.9510



Achromatopsia

207.0000, 0.0000, -0.0000



Achromatomaly

207.1420, 11.6440, 9.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.8880, 33.5110, 25.9510 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(255, 181, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 214)  
}
```

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(255, 181, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 214) }
```

Border

The CSS property to change the border of an element to YIQ 206.8880, 33.5110, 25.9510 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(255, 181, 214) }
```


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

```
.border{ border-color:rgb(255, 181, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 206.8880, 33.5110, 25.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 214) }
```

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

```
.background{ background-color: rgb(255,  
181, 214) }
```

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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