

Converting Colors

YIQ(217.6360, 33.5600, 8.5360)

Have a look what the booklet for
YIQ(217.6360, 33.5600, 8.5360)
contains.

YIQ(217.6360, 33.5600, 8.5360)	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(217.6360, 33.5600,
8.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC3
RGB	255, 203, 195
RGB Percent	100%, 80%, 76%
CMY	0.0000, 0.2040, 0.2351
CMYK	0.00, 0.20, 0.24, 0.00
HSL	8°, 100%, 88%
HSV	8°, 24%, 100%
XYZ	72.4451, 67.9033, 60.9392
YIQ	217.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

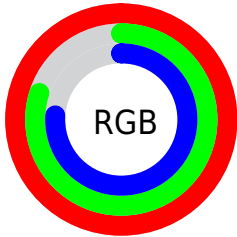
Format	Color
R _Y B	255, 204, 195
Decimal	16763843
CIE Lab	85.96, 17.26, 10.97
CIE LCh	86, 20.448, 32.445
Yxy	67.9033, 0.3599, 0.3373
Android (android.graphics.Color)	4294953923 (0xFFFFCBC3)
YUV	217.6360, -11.1595, 32.7682
Hunter-Lab	82.4034, 12.7225, 13.8361

Details

The YIQ color $217.6360, 33.5600, 8.5360$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.3640, -33.5600, -8.5360$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $162.4400, 31.1760, 7.6880$ is the 20% darker color. If you saturate the color by 10%, you get $201.8720, 47.6350, 12.2670$, and if you desaturate by 10%, it is $233.5140, 19.1640, 5.1160$.

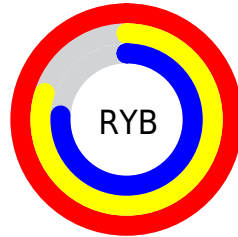
Distribution



Red (100%)

Green (80%)

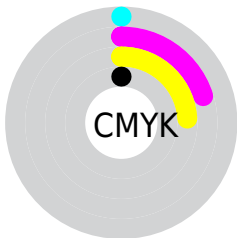
Blue (76%)



Red (100%)

Yellow (80%)

Blue (76%)

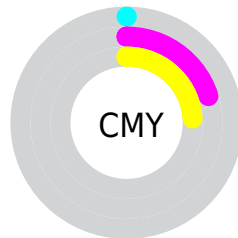


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.6360, 33.5600, 8.5360 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 217.6360, 33.5600, 8.5360 by changing the saturation by 10% instead.


 217.6360, 33.5600,
8.5360


 217.6360, 33.5600,
8.5360


255.0000, -0.0000,
-0.0000


 189.4510, 32.6430,
8.6350


254.6580, 0.9630,
-0.9330

 162.4400, 31.1760,
7.6880

 136.2550, 30.2590,
7.7870

 110.3580, 28.4710,
7.1510

 85.8740, 26.9580,
7.0380

 62.0910, 24.8490,
6.7130

 39.6070, 23.3360,

6.6000

■ 16.9660, 23.7030,
5.4550

■ 0.0000, 0.0000,
0.0000

■ 217.6360, 33.5600,
8.5360

■ 217.6360, 33.5600,
8.5360

■ 201.8720, 47.6350,
12.2670

■ 233.5140, 19.1640,
5.1160

■ 185.9940, 62.0310,
15.6870

■ 249.2780, 5.0890,
1.3850

■ 170.2300, 76.1060,
19.4180

255.0000, -0.0000,
-0.0000

■ 154.3520, 90.5020,
22.8380

■ 138.0010,
104.8520, 27.0920

■ 122.1230,
119.2480, 30.5120

■ 106.3590,
133.3230, 34.2430

■ 96.2030, 142.6300,
36.2780

Harmonies

Analogous

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



218.3290, 27.4150, 15.2790



217.6360, 33.5600, 8.5360



216.2840, 31.3150, -0.3410

Triad

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



217.6360, 33.5600, 8.5360



209.1470, -14.2560, -16.9760



213.9390, -24.3930, 7.0550

Complementary

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



217.6360, 33.5600, 8.5360



232.3640, -33.5600, -8.5360

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.



210.7260, -37.2750, -1.7790



217.6360, 33.5600, 8.5360



207.8170, -30.7620, -15.1940

Square

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



217.6360, 33.5600, 8.5360



211.7810, 4.4500, -14.5740



207.9010, -39.5660, -9.8220



217.0340, -5.3670, 14.6730

Rectangle

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



217.6360, 33.5600, 8.5360



214.8870, 24.9430, -6.0090



207.9010, -39.5660, -9.8220



212.7210, -29.7110, 4.3130

Sweetspot

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



217.6360, 33.5600, 8.5360



244.1430, 9.9030, 2.2470



218.9820, 18.7470, 29.2030



121.4630, 6.0060, 1.2860



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.



217.6360, 33.5600, 8.5360



210.5120, 39.8410, 10.3450



234.6590, 25.5850, -6.6310



119.4740, 7.4730, 2.2330



71.7840, 106.9610, 27.4170



23.8320, 35.9440, 9.3840

Inverse Universe

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



232.3640, -33.5600, -8.5360



228.4880, -39.8410, -10.3450



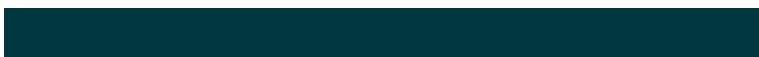
215.3410, -25.5850, 6.6310



122.9390, -7.1980, -1.7100



119.2160, -106.9610, -27.4170



39.5810, -35.6690, -8.8610

Previews

White Background



This preview shows how the YIQ color 217.6360, 33.5600, 8.5360 looks on a white background.

Color Contrast Check

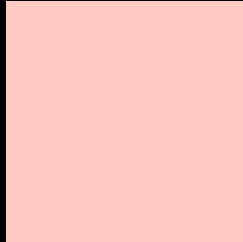
Large Text (above 18pt) WCAG AA × Fail

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 217.6360, 33.5600, 8.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

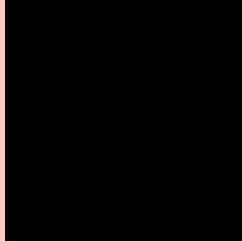
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.6360, 33.5600, 8.5360

Background



This preview shows how black text looks on a background with the YIQ color 217.6360, 33.5600, 8.5360.



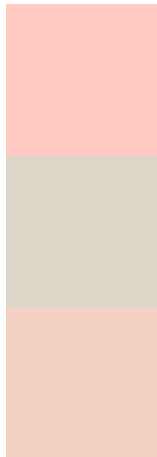
This preview shows how white text looks on a background with the YIQ color 217.6360, 33.5600,

8.5360.

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

217.6360, 33.5600, 8.5360

Protanopia

214.9100, 8.9410, -2.3470

Deuteranopia

217.1680, 25.9500, 3.2780



Tritanopia

218.7420, 27.6900, 15.8020

Trichromacy



Original Color

217.6360, 33.5600, 8.5360

Protanomaly

215.9220, 17.8350, 1.6670

Deuteranomaly

217.1900, 28.8840, 5.1720

Tritanomaly

218.5310, 29.6620, 13.1020

Monochromacy



Original Color

217.6360, 33.5600, 8.5360

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.0400, 11.6910, 2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.6360, 33.5600, 8.5360 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, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 195)  
}
```

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, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 195) }
```

Border

The CSS property to change the border of an element to YIQ 217.6360, 33.5600, 8.5360 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, 203, 195) }
```


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

```
.border{ border-color:rgb(255, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 217.6360, 33.5600, 8.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 195) }
```

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

```
.background{ background-color: rgb(255,  
203, 195) }
```

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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