

Converting Colors

YIQ(189.6360, 33.5600, 8.5360)

Have a look what the booklet for
YIQ(189.6360, 33.5600, 8.5360)
contains.

YIQ(189.6360, 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(189.6360, 33.5600,
8.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	E3AFA7
RGB	227, 175, 167
RGB Percent	89%, 69%, 65%
CMY	0.1097, 0.3138, 0.3450
CMYK	0.00, 0.23, 0.26, 0.11
HSL	8°, 52%, 77%
HSV	8°, 26%, 89%
XYZ	53.9922, 49.7786, 43.3390
YIQ	189.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

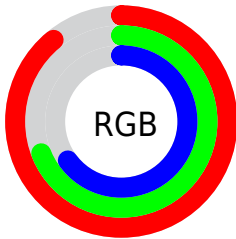
Format	Color
R _Y B	227, 176, 167
Decimal	14921639
CIE Lab	75.93, 17.83, 11.39
CIE LCh	76, 21.157, 32.559
Yxy	49.7786, 0.3670, 0.3384
Android (android.graphics.Color)	4293111719 (0xFFE3AFA7)
YUV	189.6360, -11.1595, 32.7682
Hunter-Lab	70.5539, 13.1297, 12.9678

Details

The YIQ color **189.6360, 33.5600, 8.5360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **204.3640, -33.5600, -8.5360**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.1500, 17.1930, 2.2890**, and **135.8530, 31.4510, 8.2110** is the 20% darker color. If you saturate the color by 10%, you get **175.2740, 46.4430, 11.8430**, and if you desaturate by 10%, it is **203.9980, 20.6770, 5.2290**.

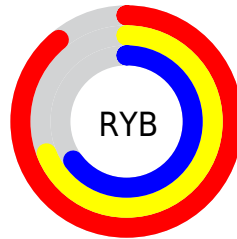
Distribution



Red (89%)

Green (69%)

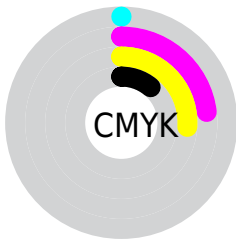
Blue (65%)



Red (89%)

Yellow (69%)

Blue (65%)

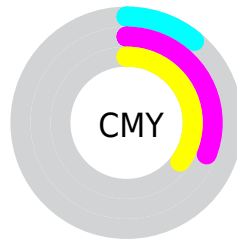


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.6360, 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 189.6360, 33.5600, 8.5360 by changing the saturation by 10% instead.

 189.6360, 33.5600,
8.5360


 189.6360, 33.5600,
8.5360

255.0000, -0.0000,
-0.0000


 162.1520, 32.0470,
8.4230


 237.1500, 17.1930,
2.2890


 135.8530, 31.4510,
8.2110

 254.5440, 1.2840,
-1.2440

 110.0700, 29.3420,
7.8860

 85.4720, 28.1500,
7.4620

 61.6890, 26.0410,
7.1370

 38.9060, 23.9320,
6.8120

 16.6780, 24.5740,

6.1900

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 189.6360, 33.5600,
8.5360

■ 189.6360, 33.5600,
8.5360

■ 175.2740, 46.4430,
11.8430

■ 203.9980, 20.6770,
5.2290

■ 161.6130, 58.7300,
14.9380

■ 217.6590, 8.3900,
2.1340

■ 147.2510, 71.6130,
18.2450

■ 232.0210, -4.4930,
-1.1730

■ 132.8890, 84.4960,
21.5520

■ 246.0410,
-16.4130, -5.4130

■ 119.2280, 96.7830,
24.6470

■ 246.6280,
-16.6880, -5.9360

■ 104.8660,
109.6660, 27.9540

■ 90.5040, 122.5490,
31.2610

■ 85.4830, 127.0420,
32.4340

Harmonies

Analogous

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



190.3290, 27.4150, 15.2790



189.6360, 33.5600, 8.5360



188.2840, 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.



189.6360, 33.5600, 8.5360



181.8480, -14.8520, -17.1880



186.0530, -24.7140, 7.3660

Complementary

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



189.6360, 33.5600, 8.5360



204.3640, -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.



182.1280, -38.4670, -2.2030



189.6360, 33.5600, 8.5360



179.5180, -31.3580, -15.4060

Square

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



189.6360, 33.5600, 8.5360



183.7810, 4.4500, -14.5740



179.8900, -41.0330, -10.7690



189.6210, -5.6420, 14.1500

Rectangle

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



189.6360, 33.5600, 8.5360



186.8870, 24.9430, -6.0090



179.8900, -41.0330, -10.7690



184.4220, -30.3070, 4.1010

Sweetspot

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



189.6360, 33.5600, 8.5360



242.1540, 11.3700, 3.1940



190.9820, 18.7470, 29.2030



119.4740, 7.4730, 2.2330



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.



189.6360, 33.5600, 8.5360



203.9750, 45.8470, 11.6310



206.6590, 25.5850, -6.6310



107.7620, 6.6020, 1.4980



67.6090, 100.0840, 25.3960



19.3580, 28.4710, 7.1510

Inverse Universe

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



204.3640, -33.5600, -8.5360



224.0250, -45.8470, -11.6310



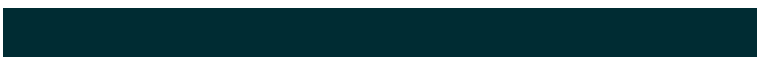
187.3410, -25.5850, 6.6310



110.2380, -6.6020, -1.4980



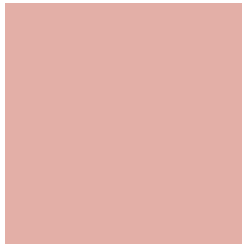
111.3910, -100.0840, -25.3960



31.6420, -28.4710, -7.1510

Previews

White Background



This preview shows how the YIQ color 189.6360, 33.5600, 8.5360 looks on a white background.

Color Contrast Check

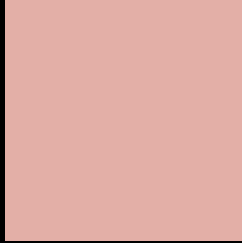
Large Text (above 18pt) WCAG AA × Fail

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 189.6360, 33.5600, 8.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

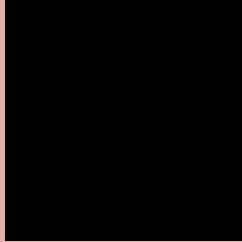
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.6360, 33.5600, 8.5360

Background



This preview shows how black text looks on a background with the YIQ color 189.6360, 33.5600, 8.5360.



This preview shows how white text looks on a background with the YIQ color 189.6360, 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

189.6360, 33.5600, 8.5360

Protanopia

187.4970, 8.6660, -2.8700

Deuteranopia

188.8580, 23.8870, 2.1190



Tritanopia

190.5250, 29.7990, 16.1270

Trichromacy



Original Color

189.6360, 33.5600, 8.5360

Protanomaly

188.5090, 17.5600, 1.1440

Deuteranomaly

189.1790, 27.4170, 4.2250

Tritanomaly

190.0150, 31.1750, 13.2150

Monochromacy



Original Color

189.6360, 33.5600, 8.5360

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0400, 11.6910, 2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6360, 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(227, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 167)  
}
```

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(227, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 167) }
```

Border

The CSS property to change the border of an element to YIQ 189.6360, 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(227, 175, 167) }
```


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

```
.border{ border-color:rgb(227, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6360, 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(227, 175, 167) }
```

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

```
.background{ background-color: rgb(227,  
175, 167) }
```

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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