

Converting Colors

YIQ(189.6840, 33.6050, 13.2290)

Have a look what the booklet for
YIQ(189.6840, 33.6050, 13.2290)
contains.

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Color

**YIQ(189.6840, 33.6050,
13.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ACAF
RGB	230, 172, 175
RGB Percent	90%, 67%, 69%
CMY	0.0979, 0.3256, 0.3136
CMYK	0.00, 0.25, 0.24, 0.10
HSL	357°, 54%, 79%
HSV	357°, 25%, 90%
XYZ	55.1336, 49.4211, 47.2080
YIQ	189.6840, 33.6050, 13.2290

Conversions

Conversions Part 2

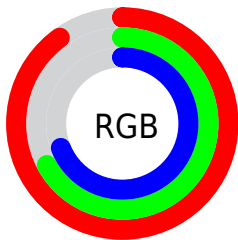
Format	Color
R _Y B	230, 172, 175
Decimal	15117487
CIE Lab	75.71, 21.68, 6.75
CIE LCh	76, 22.708, 17.298
Yxy	49.4211, 0.3633, 0.3256
Android (android.graphics.Color)	4293307567 (0xFFE6ACAF)
YUV	189.6840, -7.2392, 35.3571
Hunter-Lab	70.3002, 16.9651, 9.3956

Details

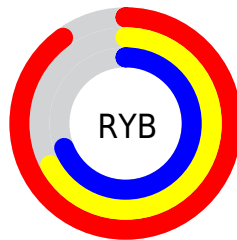
The YIQ color **189.6840, 33.6050, 13.2290** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **212.3160, -33.6050, -13.2290**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.3010, 15.4500, 6.3460**, and **135.6020, 30.9000, 12.6920** is the 20% darker color. If you saturate the color by 10%, you get **173.6750, 46.9920, 18.4160**, and if you desaturate by 10%, it is **205.6930, 20.2180, 8.0420**.

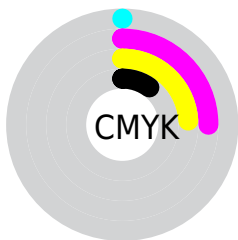
Distribution



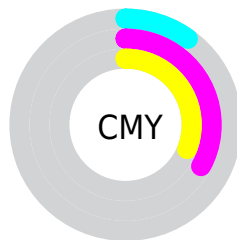
- Red (90%)
- Green (67%)
- Blue (69%)



- Red (90%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.6840, 33.6050, 13.2290 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 189.6840, 33.6050, 13.2290 by changing the saturation by 10% instead.


 189.6840, 33.6050,
13.2290


 189.6840, 33.6050,
13.2290


255.0000, -0.0000,
-0.0000


 162.0860, 32.4130,
12.8050


 236.4150, 15.1290,
6.6570

 135.6020, 30.9000,
12.6920

 110.0040, 29.7080,
12.2680

 85.4060, 28.5160,
11.8440

 61.6230, 26.4070,
11.5190

 38.8400, 24.2980,
11.1940

 15.4980, 25.2610,

10.2610

■ 2.3920, 4.7680,
1.6960

■ 0.0000, 0.0000,
0.0000

■ 189.6840, 33.6050,
13.2290

■ 189.6840, 33.6050,
13.2290

■ 173.6750, 46.9920,
18.4160

■ 205.6930, 20.2180,
8.0420

■ 157.6660, 60.3790,
23.6030

■ 221.7020, 6.8310,
2.8550

■ 141.7710, 73.4450,
29.1010

■ 237.5970, -6.2350,
-2.6430

■ 125.7620, 86.8320,
34.2880

■ 247.5250,
-14.9000, -5.3000

■ 109.7530,
100.2190, 39.4750

■ 93.7440, 113.6060,
44.6620

■ 77.7350, 126.9930,
49.8490

■ 70.1380, 133.2280,
52.4920

Harmonies

Analogous

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



190.5720, 22.4170, 17.7530



189.6840, 33.6050, 13.2290



188.4850, 35.3030, 4.4790

Triad

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



189.6840, 33.6050, 13.2290



182.1110, -5.4070, -17.6550



183.1440, -35.3960, 2.7160

Complementary

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



189.6840, 33.6050, 13.2290



212.3160, -33.6050, -13.2290

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.



179.2580, -44.8850, -7.0370



189.6840, 33.6050, 13.2290



179.4600, -25.4430, -17.9790

Square

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



189.6840, 33.6050, 13.2290



184.3970, 14.3990, -13.1610



178.2550, -40.8030, -14.9390



186.9940, -17.0580, 11.7900

Rectangle

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



189.6840, 33.6050, 13.2290



187.5290, 32.0030, -1.7970



178.2550, -40.8030, -14.9390



181.6980, -40.0720, -0.6480

Sweetspot

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



189.6840, 33.6050, 13.2290



241.0940, 11.5990, 4.5510



194.7580, 13.5660, 29.4860



118.8870, 7.7480, 2.7560



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.



189.6840, 33.6050, 13.2290



202.1800, 44.0120, 17.3560



204.0170, 27.6930, -0.7790



106.7020, 6.8310, 2.8550



54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Inverse Universe

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



189.6840, 33.6050, 13.2290



202.1800, 44.0120, 17.3560



197.9830, -27.6930, 0.7790



106.7020, 6.8310, 2.8550



54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 189.6840, 33.6050, 13.2290 looks on a white background.

Color Contrast Check

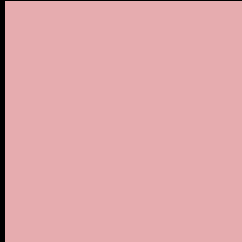
Large Text (above 18pt) WCAG AA × Fail

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 189.6840, 33.6050, 13.2290 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 189.6840, 33.6050, 13.2290

Background



This preview shows how black text looks on a background with the YIQ color 189.6840, 33.6050, 13.2290.



This preview shows how white text looks on a background with the YIQ color 189.6840, 33.6050,

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

189.6840, 33.6050, 13.2290

Protanopia

187.1530, 3.9430, 0.1270

Deuteranopia

188.1720, 20.1270, 4.1830



Tritanopia

190.4220, 31.5870, 16.7630

Trichromacy



Original Color

189.6840, 33.6050, 13.2290

Protanomaly

188.0620, 14.6250, 4.7770

Deuteranomaly

188.6180, 24.8030, 7.5470

Tritanomaly

190.0800, 32.5500, 15.8300

Monochromacy



Original Color

189.6840, 33.6050, 13.2290

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.8060, 12.4700, 5.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6840, 33.6050, 13.2290 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(230, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(230, 172, 175)  
}
```

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(230, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 172, 175) }
```

Border

The CSS property to change the border of an element to YIQ 189.6840, 33.6050, 13.2290 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(230, 172, 175) }
```


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

```
.border{ border-color:rgb(230, 172, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 172, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(230, 172,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6840, 33.6050, 13.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 172, 175) }
```

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

```
.background{ background-color: rgb(230,  
172, 175) }
```

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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