

Converting Colors

YIQ(133.9560, 30.8040, 36.4680)

Have a look what the booklet for
YIQ(133.9560, 30.8040, 36.4680)
contains.

YIQ(133.9560, 30.8040, 36.4680)	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(133.9560, 30.8040,
36.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	BA66A2
RGB	186, 102, 162
RGB Percent	73%, 40%, 64%
CMY	0.2703, 0.6001, 0.3646
CMYK	0.00, 0.45, 0.13, 0.27
HSL	317°, 38%, 56%
HSV	317°, 45%, 73%
XYZ	31.5356, 22.5518, 36.8823
YIQ	133.9560, 30.8040, 36.4680

Conversions

Conversions Part 2

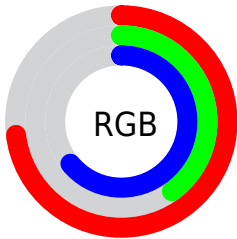
Format	Color
R _Y B	186, 102, 162
Decimal	12215970
CIE Lab	54.61, 41.80, -17.68
CIE LCh	55, 45.386, 337.074
Yxy	22.5518, 0.3467, 0.2479
Android (android.graphics.Color)	4290406050 (0xFFBA66A2)
YUV	133.9560, 13.8257, 45.6426
Hunter-Lab	47.4888, 35.4302, -12.8056

Details

The YIQ color **133.9560, 30.8040, 36.4680** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **154.0440, -30.8040, -36.4680**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.6790, 33.1420, 38.1500**, and **81.6460, 28.7410, 35.3090** is the 20% darker color. If you saturate the color by 10%, you get **122.2330, 37.6340, 44.8500**, and if you desaturate by 10%, it is **145.6790, 23.9740, 28.0860**.

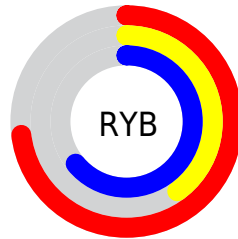
Distribution



Red (73%)

Green (40%)

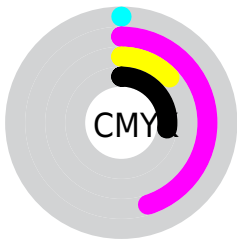
Blue (64%)



Red (73%)

Yellow (40%)

Blue (64%)

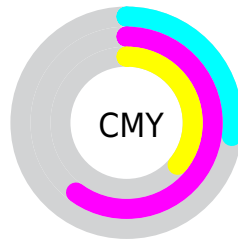


Cyan (0%)

Magenta (45%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (60%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.9560, 30.8040, 36.4680 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 133.9560, 30.8040, 36.4680 by changing the saturation by 10% instead.


 133.9560, 30.8040,
36.4680


 133.9560, 30.8040,
36.4680


255.0000, -0.0000,
-0.0000


 107.3580, 29.6120,
36.0440


 188.6790, 33.1420,
38.1500


 81.6460, 28.7410,
35.3090


 211.5960, 23.0100,
34.5460


 54.9880, 27.7780,
36.2420

 229.1720, 12.1000,
23.0120

 30.6890, 27.1820,
36.0300

 246.1950, 4.1250,
7.8450

 20.7060, 19.3440,
23.8880

 10.5380, 10.5890,
11.8450

 0.0000, 0.0000,

0.0000

■ 133.9560, 30.8040,
36.4680

■ 133.9560, 30.8040,
36.4680

■ 122.2330, 37.6340,
44.8500

■ 145.6790, 23.9740,
28.0860

■ 110.9830, 44.5100,
52.3980

■ 156.9290, 17.0980,
20.5380

■ 99.2600, 51.3400,
60.7800

■ 168.6520, 10.2680,
12.1560

■ 88.1240, 57.8950,
68.6390

■ 179.7880, 3.7130,
4.2970

■ 76.2870, 65.0460,
76.7100

■ 191.6250, -3.4380,
-3.7740

■ 70.7760, 68.1630,
80.7950

■ 203.3480,
-10.2680, -12.1560

■ 214.4840,
-16.8230, -20.0150

■ 226.3210,
-23.9740, -28.0860

■ 229.2390,
-26.6790, -28.6230

Harmonies

Analogous

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



134.0360, -7.7080, 29.5720



133.9560, 30.8040, 36.4680



131.0710, 55.1050, 31.0810

Triad

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



133.9560, 30.8040, 36.4680



126.1260, 33.7950, -23.2690



107.6410, -97.7920, -22.8800

Complementary

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



133.9560, 30.8040, 36.4680



154.0440, -30.8040, -36.4680

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.



103.8960, -85.8690, -35.2210



133.9560, 30.8040, 36.4680



121.5610, 1.4730, -32.2150

Square

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



133.9560, 30.8040, 36.4680



128.8010, 54.4240, -6.1520



110.7200, -47.4470, -37.7110



106.9690, -104.1670, -11.9670

Rectangle

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



133.9560, 30.8040, 36.4680



130.1560, 61.7550, 20.6910



110.7200, -47.4470, -37.7110



106.8600, -94.2150, -27.1350

Sweetspot

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



133.9560, 30.8040, 36.4680



221.0160, 12.2390, 14.9830



118.7520, -12.6600, 31.2120



109.5760, 7.4260, 8.5940



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.9560, 30.8040, 36.4680



160.8850, 47.9020, 57.0060



129.1680, 44.2860, 23.4060



86.3750, 3.4380, 3.7740



59.2980, 57.3450, 67.5930



10.6520, 10.2680, 12.1560

Inverse Universe

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



133.9560, 30.8040, 36.4680



160.8850, 47.9020, 57.0060



158.8320, -44.2860, -23.4060



86.3750, 3.4380, 3.7740



59.2980, 57.3450, 67.5930



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 133.9560, 30.8040, 36.4680 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9560, 30.8040, 36.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

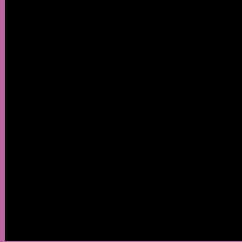
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.9560, 30.8040, 36.4680

Background



This preview shows how black text looks on a background with the YIQ color 133.9560, 30.8040, 36.4680.



This preview shows how white text looks on a background with the YIQ color 133.9560, 30.8040,

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

133.9560, 30.8040, 36.4680

Protanopia

130.8560, -25.3570, 13.5150

Deuteranopia

132.2030, -7.5210, 9.6550



Tritanopia

132.8420, 39.1520, 17.3280

Trichromacy



Original Color

133.9560, 30.8040, 36.4680

Protanomaly

131.9620, -4.8640, 22.0800

Deuteranomaly

133.1280, 6.2320, 19.2240

Tritanomaly

133.5030, 36.0330, 24.2970

Monochromacy



Original Color

133.9560, 30.8040, 36.4680

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.7770, 11.4140, 13.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9560, 30.8040, 36.4680 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(186, 102, 162)` looks like.

```
.text, #text, p{  
    color:rgb(186, 102, 162)  
}
```

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(186, 102, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 102, 162) }
```

Border

The CSS property to change the border of an element to YIQ 133.9560, 30.8040, 36.4680 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(186, 102, 162) }
```


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

```
.border{ border-color:rgb(186, 102, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 102, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 102, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 102, 162);  
box-shadow:4px 4px 4px 4px rgb(186, 102,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9560, 30.8040, 36.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 102, 162) }
```

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

```
.background{ background-color: rgb(186,  
102, 162) }
```

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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