

Converting Colors

YIQ(106.5060, 67.4820, 43.5620)

Have a look what the booklet for
YIQ(106.5060, 67.4820, 43.5620)
contains.

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Color

**YIQ(106.5060, 67.4820,
43.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	C63C6A
RGB	198, 60, 106
RGB Percent	78%, 24%, 42%
CMY	0.2232, 0.7649, 0.5841
CMYK	0.00, 0.70, 0.46, 0.22
HSL	340°, 55%, 51%
HSV	340°, 70%, 78%
XYZ	27.5301, 16.2856, 15.3443
YIQ	106.5060, 67.4820, 43.5620

Conversions

Conversions Part 2

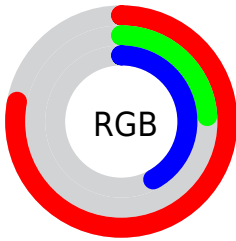
Format	Color
RYB	198, 60, 106
Decimal	12991594
CIELab	47.35, 57.77, 5.14
CIELCh	47, 58.002, 5.085
Yxy	16.2856, 0.4654, 0.2753
Android (android.graphics.Color)	4291181674 (0xFFC63C6A)
YUV	106.5060, -0.2495, 80.2402
Hunter-Lab	40.3555, 51.1490, 5.7051

Details

The YIQ color **106.5060, 67.4820, 43.5620** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **151.4940, -67.4820, -43.5620**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.8220, 69.4080, 41.6960**, and **48.2870, 63.9050, 47.8170** is the 20% darker color. If you saturate the color by 10%, you get **93.2840, 77.1550, 49.9790**, and if you desaturate by 10%, it is **119.7280, 57.8090, 37.1450**.

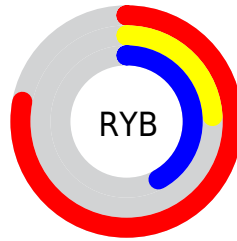
Distribution



Red (78%)

Green (24%)

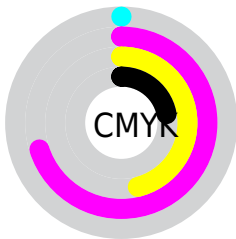
Blue (42%)



Red (78%)

Yellow (24%)

Blue (42%)

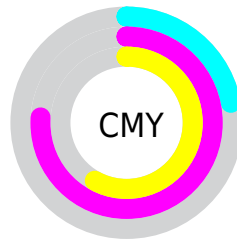


Cyan (0%)

Magenta (70%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.5060, 67.4820, 43.5620 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 106.5060, 67.4820, 43.5620 by changing the saturation by 10% instead.


 106.5060, 67.4820,
43.5620


 106.5060, 67.4820,
43.5620


255.0000, -0.0000,
-0.0000


 75.4290, 66.3810,
46.9970


 162.8220, 69.4080,
41.6960


 48.2870, 63.9050,
47.8170


 182.3360, 53.0410,
35.4490


 37.2220, 53.3620,
35.1380


 201.9640, 36.3530,
29.5130

 26.1570, 42.8190,
22.4590

 222.1790, 19.3900,
23.0540

 16.6730, 32.1380,
12.2820

 240.9120, 6.6000,
12.5520

 2.3920, 4.7680,
1.6960

 0.0000, 0.0000,

0.0000

■ 106.5060, 67.4820,
43.5620

■ 106.5060, 67.4820,
43.5620

■ 93.2840, 77.1550,
49.9790

■ 119.7280, 57.8090,
37.1450

■ 80.0620, 86.8280,
56.3960

■ 132.9500, 48.1360,
30.7280

■ 67.3130, 96.5470,
61.9790

■ 145.6990, 38.4170,
25.1450

■ 66.7260, 96.8220,
62.5020

■ 158.9210, 28.7440,
18.7280

■ 172.1430, 19.0710,
12.3110

■ 185.3650, 9.3980,
5.8940

■ 198.5870, -0.2750,
-0.5230

■ 211.3360, -9.9940,
-6.1060

■ 224.5580,
-19.6670, -12.5230

Harmonies

Analogous

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



112.7430, 36.2580, 47.7620



106.5060, 67.4820, 43.5620



106.6970, 76.2890, 21.6090

Triad

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



106.5060, 67.4820, 43.5620



98.2650, 4.8220, -43.3540



98.0500, -99.7210, -4.4330

Complementary

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



106.5060, 67.4820, 43.5620



151.4940, -67.4820, -43.5620

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.



97.6960, -90.4570, -18.1450



106.5060, 67.4820, 43.5620



85.3500, -58.4490, -47.5770

Square

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



106.5060, 67.4820, 43.5620



104.6030, 45.2130, -31.9630



92.9250, -75.6450, -33.2850



92.0320, -99.3100, 4.6420

Rectangle

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



106.5060, 67.4820, 43.5620



107.4120, 71.9370, 1.3530



92.9250, -75.6450, -33.2850



98.7850, -97.6570, -8.8010

Sweetspot

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



106.5060, 67.4820, 43.5620



219.1980, 26.4060, 17.0460



102.6420, 9.3420, 61.9980



106.7080, 15.8620, 9.8940



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.



106.5060, 67.4820, 43.5620



113.0800, 104.7530, 67.4490



113.5890, 76.4730, 18.2730



93.0330, 4.4010, 2.8410



54.8930, 79.8140, 51.3500



12.1320, 17.6040, 11.3640

Inverse Universe

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



106.5060, 67.4820, 43.5620



113.0800, 104.7530, 67.4490



144.4110, -76.4730, -18.2730



93.0330, 4.4010, 2.8410



54.8930, 79.8140, 51.3500



12.1320, 17.6040, 11.3640

Previews

White Background



This preview shows how the YIQ color 106.5060, 67.4820, 43.5620 looks on a white 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

Black Background



This preview shows how the YIQ color 106.5060, 67.4820, 43.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

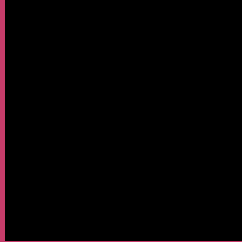
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.5060, 67.4820, 43.5620

Background



This preview shows how black text looks on a background with the YIQ color 106.5060, 67.4820, 43.5620.



This preview shows how white text looks on a background with the YIQ color 106.5060, 67.4820,

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

106.5060, 67.4820, 43.5620

Protanopia

113.5400, -10.0880, 6.6160

Deuteranopia

113.8400, 15.1300, 1.1300



Tritanopia

106.7280, 75.0040, 28.3800

Trichromacy



Original Color

106.5060, 67.4820, 43.5620

Protanomaly

111.0000, 18.3360, 20.1280

Deuteranomaly

111.0910, 34.0170, 16.7770

Tritanomaly

106.6340, 72.5730, 33.8930

Monochromacy



Original Color

106.5060, 67.4820, 43.5620

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8880, 24.3430, 15.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.5060, 67.4820, 43.5620 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(198, 60, 106)` looks like.

```
.text, #text, p{  
    color:rgb(198, 60, 106)  
}
```

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(198, 60, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 60, 106) }
```

Border

The CSS property to change the border of an element to YIQ 106.5060, 67.4820, 43.5620 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(198, 60, 106) }
```


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

```
.border{ border-color:rgb(198, 60, 106) }
```

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

Here you see how a box with a 4 pixel rgb(198, 60, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 60, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 60, 106);  
box-shadow:4px 4px 4px 4px rgb(198, 60,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 106.5060, 67.4820, 43.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 60, 106) }
```

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

```
.background{ background-color: rgb(198, 60,  
106) }
```

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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