

Converting Colors

YIQ(113.8850, 47.9020, 57.0060)

Have a look what the booklet for
YIQ(113.8850, 47.9020, 57.0060)
contains.

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Color

**YIQ(113.8850, 47.9020,
57.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	C3409E
RGB	195, 64, 158
RGB Percent	76%, 25%, 62%
CMY	0.2349, 0.7492, 0.3803
CMYK	0.00, 0.67, 0.19, 0.23
HSL	317°, 52%, 51%
HSV	317°, 67%, 77%
XYZ	30.5345, 17.7449, 34.1770
YIQ	113.8850, 47.9020, 57.0060

Conversions

Conversions Part 2

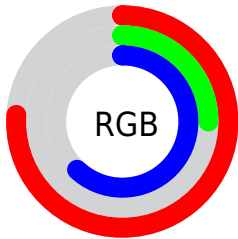
Format	Color
R _Y B	195, 64, 158
Decimal	12796062
CIE Lab	49.19, 61.47, -23.53
CIE LCh	49, 65.822, 339.052
Yxy	17.7449, 0.3703, 0.2152
Android (android.graphics.Color)	4290986142 (0xFFC3409E)
YUV	113.8850, 21.7487, 71.1379
Hunter-Lab	42.1248, 55.6691, -18.6164

Details

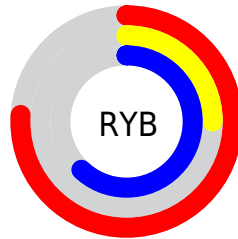
The YIQ color **113.8850, 47.9020, 57.0060** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **145.1150, -47.9020, -57.0060**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2550, 49.7360, 56.8080**, and **53.3460, 48.2220, 62.2220** is the 20% darker color. If you saturate the color by 10%, you get **101.5750, 55.0070, 65.9110**, and if you desaturate by 10%, it is **125.7220, 40.7510, 48.9350**.

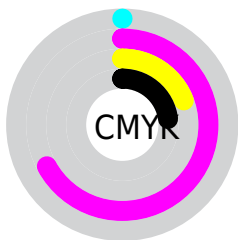
Distribution



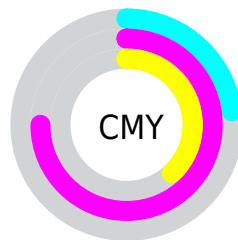
- Red (76%)
- Green (25%)
- Blue (62%)



- Red (76%)
- Yellow (25%)
- Blue (62%)



- Cyan (0%)
- Magenta (67%)
- Yellow (19%)
- Black (23%)




- Cyan (23%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.8850, 47.9020, 57.0060 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 113.8850, 47.9020, 57.0060 by changing the saturation by 10% instead.


 113.8850, 47.9020,
57.0060


 113.8850, 47.9020,
57.0060


255.0000, -0.0000,
-0.0000


 82.8790, 48.0390,
60.0310


 171.5540, 50.3320,
57.0200


 53.3460, 48.2220,
62.2220

 191.1820, 33.6440,
51.0840

 42.2380, 39.2380,
48.8220


 209.2140, 21.4500,
40.7940

 31.2440, 29.9330,
35.7330

 226.2370, 13.4750,
25.6270

 21.5600, 22.6910,
23.8030

 243.8470, 5.2250,
9.9370

 9.1420, 11.6440,
9.2440

 0.0000, 0.0000,

0.0000

■ 113.8850, 47.9020,
57.0060

■ 113.8850, 47.9020,
57.0060

■ 101.5750, 55.0070,
65.9110

■ 125.7220, 40.7510,
48.9350

■ 89.7380, 62.1580,
73.9820

■ 138.0320, 33.6460,
40.0300

■ 77.3140, 69.5840,
82.5760

■ 149.8690, 26.4950,
31.9590

■ 74.2650, 71.2800,
84.8800

■ 162.1790, 19.3900,
23.0540

■ 174.0160, 12.2390,
14.9830

■ 186.3260, 5.1340,
6.0780

■ 198.7500, -2.2920,
-2.5160

■ 210.4730, -9.1220,
-10.8980

■ 222.8970,
-16.5480, -19.4920

Harmonies

Analogous

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



119.4080, -8.2150, 44.2730



113.8850, 47.9020, 57.0060



106.1380, 80.5020, 49.8940

Triad

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



113.8850, 47.9020, 57.0060



108.1140, 42.0960, -36.0480



103.3840, -98.2060, -15.3740

Complementary

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



113.8850, 47.9020, 57.0060



145.1150, -47.9020, -57.0060

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.



98.5160, -81.7430, -32.9030



113.8850, 47.9020, 57.0060



97.9340, -1.9160, -53.4040

Square

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



113.8850, 47.9020, 57.0060



109.5410, 75.2870, -15.3130



90.0290, -61.9790, -49.6830



103.9660, -108.1120, -1.0400

Rectangle

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



113.8850, 47.9020, 57.0060



107.2950, 86.6490, 32.0970



90.0290, -61.9790, -49.6830



102.1470, -93.3450, -20.8730

Sweetspot

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



113.8850, 47.9020, 57.0060



221.0540, 18.2440, 21.7960



89.3990, -21.1910, 48.1610



108.7770, 11.4140, 13.4140



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.



113.8850, 47.9020, 57.0060



125.7540, 74.3970, 88.9650



106.7030, 68.1250, 37.4130



90.7880, 3.7130, 4.2970



61.2490, 59.0410, 69.8970



12.6030, 11.9640, 14.4600

Inverse Universe

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



113.8850, 47.9020, 57.0060



125.7540, 74.3970, 88.9650



152.2970, -68.1250, -37.4130



90.7880, 3.7130, 4.2970



61.2490, 59.0410, 69.8970



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 113.8850, 47.9020, 57.0060 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 113.8850, 47.9020, 57.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

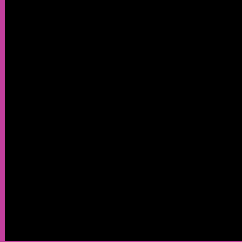
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.8850, 47.9020, 57.0060

Background



This preview shows how black text looks on a background with the YIQ color 113.8850, 47.9020, 57.0060.



This preview shows how white text looks on a background with the YIQ color 113.8850, 47.9020,

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

113.8850, 47.9020, 57.0060

Protanopia

114.7090, -46.6320, 19.1280

Deuteranopia

118.0930, -13.0230, 10.2490



Tritanopia

115.3780, 61.2500, 24.3380

Trichromacy



Original Color

113.8850, 47.9020, 57.0060



Protanomaly

114.1050, -12.1560, 33.0920



Deuteranomaly

116.2520, 9.1190, 27.4790



Tritanomaly

114.7170, 56.3420, 36.1980

Monochromacy



Original Color

113.8850, 47.9020, 57.0060



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.9290, 17.0980, 20.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.8850, 47.9020, 57.0060 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(195, 64, 158)` looks like.

```
.text, #text, p{  
    color:rgb(195, 64, 158)  
}
```

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(195, 64, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 64, 158) }
```

Border

The CSS property to change the border of an element to YIQ 113.8850, 47.9020, 57.0060 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(195, 64, 158) }
```


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

```
.border{ border-color:rgb(195, 64, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 64, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 64, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 64, 158);  
box-shadow:4px 4px 4px 4px rgb(195, 64,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 113.8850, 47.9020, 57.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 64, 158) }
```

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

```
.background{ background-color: rgb(195, 64,  
158) }
```

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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