

Converting Colors

YIQ(117.1730, 47.0310, 56.2710)

Have a look what the booklet for
YIQ(117.1730, 47.0310, 56.2710)
contains.

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Color

**YIQ(117.1730, 47.0310,
56.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	C544A1
RGB	197, 68, 161
RGB Percent	77%, 27%, 63%
CMY	0.2271, 0.7335, 0.3685
CMYK	0.00, 0.66, 0.18, 0.23
HSL	317°, 53%, 52%
HSV	317°, 66%, 77%
XYZ	31.5498, 18.5848, 35.6561
YIQ	117.1730, 47.0310, 56.2710

Conversions

Conversions Part 2

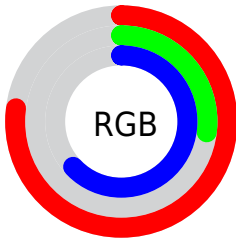
Format	Color
R_{YB}	197, 68, 161
Decimal	12928161
CIE _{Lab}	50.20, 60.86, -23.72
CIE _{LCh}	50, 65.320, 338.707
Yxy	18.5848, 0.3678, 0.2166
Android (android.graphics.Color)	4291118241 (0xFFC544A1)
YUV	117.1730, 21.6067, 70.0083
Hunter-Lab	43.1101, 55.1910, -18.8613

Details

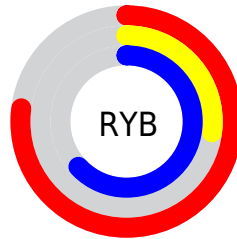
The YIQ color **117.1730, 47.0310, 56.2710** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **147.8270, -47.0310, -56.2710**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6570, 48.5440, 56.3840**, and **54.2860, 48.4510, 63.5790** is the 20% darker color. If you saturate the color by 10%, you get **104.8630, 54.1360, 65.1760**, and if you desaturate by 10%, it is **129.5970, 39.6050, 47.6770**.

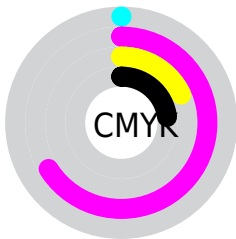
Distribution



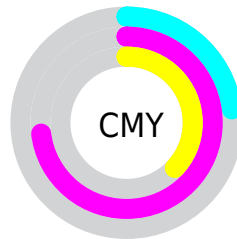
- Red (77%)
- Green (27%)
- Blue (63%)



- Red (77%)
- Yellow (27%)
- Blue (63%)



- Cyan (0%)
- Magenta (66%)
- Yellow (18%)
- Black (23%)



- Cyan (23%)
- Magenta (73%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1730, 47.0310, 56.2710 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 117.1730, 47.0310, 56.2710 by changing the saturation by 10% instead.

■ 117.1730, 47.0310,
56.2710

■ 117.1730, 47.0310,
56.2710

■ 255.0000, -0.0000,
-0.0000

■ 87.3410, 46.6180,
58.2500

■ 173.6570, 48.5440,
56.3840

■ 54.2860, 48.4510,
63.5790

■ 193.3990, 31.5350,
50.7590

■ 43.1780, 39.4670,
50.1790

■ 211.5620, 20.3500,
38.7020

■ 32.0700, 30.4830,
36.7790

■ 228.5850, 12.3750,
23.5350

■ 22.3860, 23.2410,
24.8490

■ 245.6080, 4.4000,
8.3680

■ 10.4950, 12.1480,
11.1240

■ 0.0000, 0.0000,

0.0000

■ 117.1730, 47.0310,
56.2710

■ 117.1730, 47.0310,
56.2710

■ 104.8630, 54.1360,
65.1760

■ 129.5970, 39.6050,
47.6770

■ 93.0260, 61.2870,
73.2470

■ 141.3200, 32.7750,
39.2950

■ 80.7160, 68.3920,
82.1520

■ 153.7440, 25.3490,
30.7010

■ 75.0910, 71.8300,
85.9260

■ 166.0540, 18.2440,
21.7960

■ 177.8910, 11.0930,
13.7250

■ 190.2010, 3.9880,
4.8200

■ 202.6250, -3.4380,
-3.7740

■ 214.9350,
-10.5430, -12.6790

■ 226.7720,
-17.6940, -20.7500

Harmonies

Analogous

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



122.3970, -9.6820, 43.3260



117.1730, 47.0310, 56.2710



109.8390, 79.9060, 49.6820

Triad

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



117.1730, 47.0310, 56.2710



110.1850, 43.3340, -36.4580



105.3730, -99.6730, -16.3210

Complementary

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



117.1730, 47.0310, 56.2710



147.8270, -47.0310, -56.2710

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.



99.9180, -82.9350, -33.3270



117.1730, 47.0310, 56.2710



101.1730, -1.0910, -51.8350

Square

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



117.1730, 47.0310, 56.2710



112.4980, 76.8460, -16.0340



92.0180, -63.4460, -50.6300



105.2540, -108.9830, -1.7750

Rectangle

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



117.1730, 47.0310, 56.2710



110.9960, 86.0530, 31.8850



92.0180, -63.4460, -50.6300



104.1360, -94.8120, -21.8200

Sweetspot

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



117.1730, 47.0310, 56.2710



223.4670, 18.5190, 22.3190



92.8720, -21.1450, 47.3270



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.



117.1730, 47.0310, 56.2710



130.6290, 73.2510, 87.7070



109.9910, 67.2540, 36.6780



93.4890, 3.1170, 4.0850



62.1890, 59.2700, 71.2540



13.7280, 13.1100, 15.7180

Inverse Universe

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



117.1730, 47.0310, 56.2710



130.6290, 73.2510, 87.7070



155.0090, -67.2540, -36.6780



93.4890, 3.1170, 4.0850



62.1890, 59.2700, 71.2540



13.7280, 13.1100, 15.7180

Previews

White Background



This preview shows how the YIQ color 117.1730, 47.0310, 56.2710 looks on a white background.

Color Contrast Check

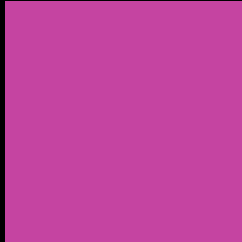
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1730, 47.0310, 56.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

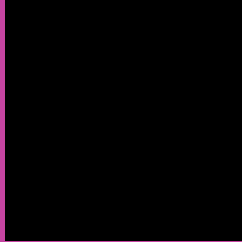
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.1730, 47.0310, 56.2710

Background



This preview shows how black text looks on a background with the YIQ color 117.1730, 47.0310, 56.2710.



This preview shows how white text looks on a background with the YIQ color 117.1730, 47.0310,

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

117.1730, 47.0310, 56.2710

Protanopia

117.3070, -45.4400, 19.5520

Deuteranopia

120.7940, -13.6190, 10.0370



Tritanopia

118.6660, 60.3790, 23.6030

Trichromacy



Original Color

117.1730, 47.0310, 56.2710



Protanomaly

116.9910, -11.8350, 32.7810



Deuteranomaly

119.5400, 8.2480, 26.7440



Tritanomaly

118.0050, 55.4710, 35.4630

Monochromacy



Original Color

117.1730, 47.0310, 56.2710



Achromatopsia

117.0000, -0.0000, 0.0000



Achromatomaly

116.9290, 17.0980, 20.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1730, 47.0310, 56.2710 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(197, 68, 161)` looks like.

```
.text, #text, p{  
    color:rgb(197, 68, 161)  
}
```

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(197, 68, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 68, 161) }
```

Border

The CSS property to change the border of an element to YIQ 117.1730, 47.0310, 56.2710 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(197, 68, 161) }
```


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

```
.border{ border-color:rgb(197, 68, 161) }
```

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

Here you see how a box with a 4 pixel rgb(197, 68, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 68, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 68, 161);  
box-shadow:4px 4px 4px 4px rgb(197, 68,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1730, 47.0310, 56.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 68, 161) }
```

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

```
.background{ background-color: rgb(197, 68,  
161) }
```

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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