

Converting Colors

YIQ(117.2440, 47.1280, 26.9680)

Have a look what the booklet for
YIQ(117.2440, 47.1280, 26.9680)
contains.

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Color

**YIQ(117.2440, 47.1280,
26.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	B3576F
RGB	179, 87, 111
RGB Percent	70%, 34%, 44%
CMY	0.2978, 0.6590, 0.5645
CMYK	0.00, 0.51, 0.38, 0.30
HSL	344°, 38%, 52%
HSV	344°, 51%, 70%
XYZ	24.8809, 17.5496, 17.1274
YIQ	117.2440, 47.1280, 26.9680

Conversions

Conversions Part 2

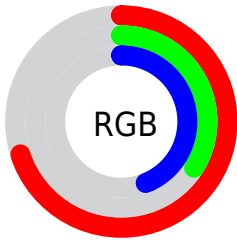
Format	Color
R_{YB}	179, 87, 111
Decimal	11753327
CIE Lab	48.95, 39.91, 4.01
CIE LCh	49, 40.114, 5.740
Yxy	17.5496, 0.4178, 0.2947
Android (android.graphics.Color)	4289943407 (0xFFB3576F)
YUV	117.2440, -3.0783, 54.1600
Hunter-Lab	41.8922, 32.7043, 5.0842

Details

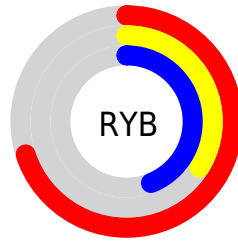
The YIQ color **117.2440, 47.1280, 26.9680** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **148.7560, -47.1280, -26.9680**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0380, 50.7040, 28.2400**, and **65.2050, 42.8640, 27.1520** is the 20% darker color. If you saturate the color by 10%, you get **105.1960, 56.2510, 32.3390**, and if you desaturate by 10%, it is **129.2920, 38.0050, 21.5970**.

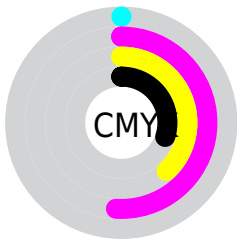
Distribution



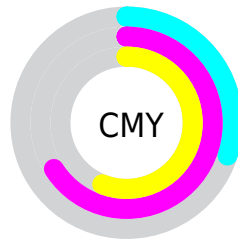
- Red (70%)
- Green (34%)
- Blue (44%)



- Red (70%)
- Yellow (34%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (38%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2440, 47.1280, 26.9680 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 117.2440, 47.1280, 26.9680 by changing the saturation by 10% instead.

■ 117.2440, 47.1280,
26.9680

■ 117.2440, 47.1280,
26.9680

■ 255.0000, -0.0000,
-0.0000

■ 90.8740, 45.2940,
27.1660

■ 171.0380, 50.7040,
28.2400

■ 65.2050, 42.8640,
27.1520

■ 195.9340, 45.0650,
25.8090

■ 35.8400, 42.6340,
31.3220

■ 214.8610, 28.9730,
20.0850

■ 23.1390, 34.0620,
21.4700

■ 235.1900, 11.6890,
13.9370

■ 14.2810, 27.3700,
10.5860

■ 253.2390, 0.8250,
1.5690

■ 0.0000, 0.0000,
0.0000

■ 117.2440, 47.1280,
26.9680

■ 117.2440, 47.1280,
26.9680

■ 105.1960, 56.2510,
32.3390

■ 129.2920, 38.0050,
21.5970

■ 93.1480, 65.3740,
37.7100

■ 141.3400, 28.8820,
16.2260

■ 80.9860, 74.8180,
42.7700

■ 153.5020, 19.4380,
11.1660

■ 68.9380, 83.9410,
48.1410

■ 165.5500, 10.3150,
5.7950

■ 58.8790, 91.5970,
52.5650


■ 177.0110, 1.4670,
0.9470

■ 189.0590, -7.6560,
-4.4240

■ 201.2210,
-17.1000, -9.4840

■ 213.2690,

-26.2230, -14.8550

 225.3170,
-35.3460, -20.2260

Harmonies

Analogous

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



119.2710, 25.3030, 31.5350



117.2440, 47.1280, 26.9680



116.1070, 54.2830, 12.9310

Triad

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



117.2440, 47.1280, 26.9680



108.7940, 2.4350, -27.6210



94.8410, -92.0630, -11.0630

Complementary

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



117.2440, 47.1280, 26.9680



148.7560, -47.1280, -26.9680

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.



95.1540, -86.0550, -20.8310



117.2440, 47.1280, 26.9680



100.2700, -37.1320, -31.9160

Square

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



117.2440, 47.1280, 26.9680



112.7930, 30.5390, -19.3250



91.9790, -75.7370, -31.6170



110.2750, -51.5820, 9.7140

Rectangle

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



117.2440, 47.1280, 26.9680



115.2880, 51.8550, 1.8630



91.9790, -75.7370, -31.6170



95.3310, -90.6870, -13.9750

Sweetspot

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



117.2440, 47.1280, 26.9680



208.4910, 17.9710, 10.2190



117.8200, 10.9960, 43.0280



102.9630, 10.5900, 6.3180



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



117.2440, 47.1280, 26.9680



135.3880, 73.6260, 42.3460



126.8350, 49.0570, 8.5210



83.0330, 4.4010, 2.8410



50.3070, 78.3480, 44.8760



8.5720, 13.2490, 7.6890

Inverse Universe

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



117.2440, 47.1280, 26.9680



135.3880, 73.6260, 42.3460



139.1650, -49.0570, -8.5210



83.0330, 4.4010, 2.8410



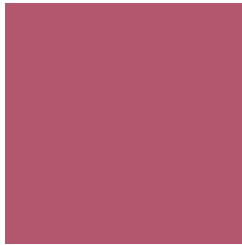
50.3070, 78.3480, 44.8760



8.5720, 13.2490, 7.6890

Previews

White Background



This preview shows how the YIQ color 117.2440, 47.1280, 26.9680 looks on a white background.

Color Contrast Check

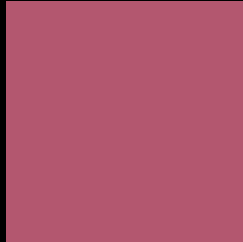
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2440, 47.1280, 26.9680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

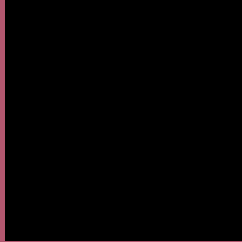
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.2440, 47.1280, 26.9680

Background



This preview shows how black text looks on a background with the YIQ color 117.2440, 47.1280, 26.9680.



This preview shows how white text looks on a background with the YIQ color 117.2440, 47.1280,

26.9680.

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

117.2440, 47.1280, 26.9680

Protanopia

117.3680, -3.8520, 3.7320

Deuteranopia

117.9970, 13.2500, 2.1620



Tritanopia

116.9960, 50.5220, 20.5220

Trichromacy



Original Color

117.2440, 47.1280, 26.9680

Protanomaly

117.1040, 14.8070, 12.4950

Deuteranomaly

117.9110, 25.5360, 10.7840

Tritanomaly

116.9790, 49.1920, 22.6000

Monochromacy



Original Color

117.2440, 47.1280, 26.9680

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1920, 17.3750, 10.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2440, 47.1280, 26.9680 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(179, 87, 111)` looks like.

```
.text, #text, p{  
    color:rgb(179, 87, 111)  
}
```

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(179, 87, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 87, 111) }
```

Border

The CSS property to change the border of an element to YIQ 117.2440, 47.1280, 26.9680 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(179, 87, 111) }
```


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

```
.border{ border-color:rgb(179, 87, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 87, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 87, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 87, 111);  
box-shadow:4px 4px 4px 4px rgb(179, 87,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2440, 47.1280, 26.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 87, 111) }
```

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

```
.background{ background-color: rgb(179, 87,  
111) }
```

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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