

Converting Colors

YIQ(119.9500, 48.1360, 30.7280)

Have a look what the booklet for
YIQ(119.9500, 48.1360, 30.7280)
contains.

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Color

**YIQ(119.9500, 48.1360,
30.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	B95777
RGB	185, 87, 119
RGB Percent	73%, 34%, 47%
CMY	0.2743, 0.6590, 0.5332
CMYK	0.00, 0.53, 0.36, 0.27
HSL	340°, 41%, 53%
HSV	340°, 53%, 73%
XYZ	26.7603, 18.4650, 19.6198
YIQ	119.9500, 48.1360, 30.7280

Conversions

Conversions Part 2

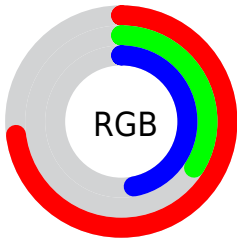
Format	Color
R_{YB}	185, 87, 119
Decimal	12146551
CIE Lab	50.06, 42.99, 0.92
CIE LCh	50, 42.997, 1.231
Yxy	18.4650, 0.4127, 0.2848
Android (android.graphics.Color)	4290336631 (0xFFB95777)
YUV	119.9500, -0.4683, 57.0489
Hunter-Lab	42.9709, 35.9627, 3.0088

Details

The YIQ color **119.9500, 48.1360, 30.7280** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **152.0500, -48.1360, -30.7280**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.6300, 52.0330, 31.6890**, and **67.2100, 44.4680, 31.1240** is the 20% darker color. If you saturate the color by 10%, you get **107.4290, 57.2130, 36.9330**, and if you desaturate by 10%, it is **131.8840, 39.3340, 25.0460**.

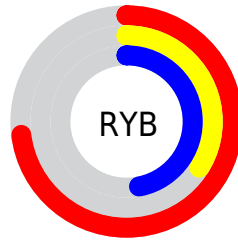
Distribution



Red (73%)

Green (34%)

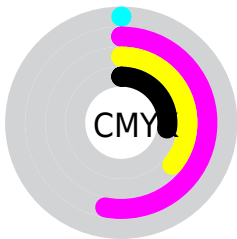
Blue (47%)



Red (73%)

Yellow (34%)

Blue (47%)

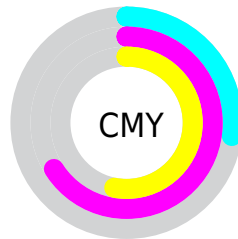


Cyan (0%)

Magenta (53%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (66%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9500, 48.1360, 30.7280 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 119.9500, 48.1360, 30.7280 by changing the saturation by 10% instead.

■ 119.9500, 48.1360,
30.7280

■ 119.9500, 48.1360,
30.7280

■ 255.0000, -0.0000,
-0.0000

■ 93.4660, 46.6230,
30.6150

■ 174.6300, 52.0330,
31.6890

■ 66.6230, 44.7430,
31.6470

■ 196.8460, 42.4970,
28.2970

■ 35.7850, 44.4670,
36.6510

■ 216.4740, 25.8090,
22.3610

■ 25.3180, 35.1160,
24.3960

■ 236.8030, 8.5250,
16.2130

■ 15.7760, 30.3500,
11.6460

■ 253.8260, 0.5500,
1.0460

■ 0.0000, 0.0000,
0.0000

■ 119.9500, 48.1360,
30.7280

■ 119.9500, 48.1360,
30.7280

■ 107.4290, 57.2130,
36.9330

■ 131.8840, 39.3340,
25.0460

■ 95.3810, 66.3360,
42.3040

■ 144.5190, 29.9360,
19.1520

■ 82.8600, 75.4130,
48.5090

■ 156.4530, 21.1340,
13.4700

■ 70.8120, 84.5360,
53.8800

■ 169.0880, 11.7360,
7.5760

■ 62.2690, 90.6790,
58.1910


■ 181.0220, 2.9340,
1.8940

■ 193.6570, -6.4640,
-4.0000

■ 206.1780,
-15.5410, -10.2050

■ 218.2260,

-24.6640, -15.5760

 230.7470,
-33.7410, -21.7810

Harmonies

Analogous

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



122.7700, 22.4600, 33.5000



119.9500, 48.1360, 30.7280



118.7810, 58.3170, 16.9170

Triad

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



119.9500, 48.1360, 30.7280



111.3770, 7.9830, -29.0490



98.3460, -95.0430, -12.1230

Complementary

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



119.9500, 48.1360, 30.7280



152.0500, -48.1360, -30.7280

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.



98.2030, -87.7510, -23.1350



119.9500, 48.1360, 30.7280



103.2550, -32.7760, -33.7680

Square

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



119.9500, 48.1360, 30.7280



115.3160, 36.3160, -19.3960



93.9850, -75.8740, -34.6420



108.1420, -67.4450, 5.3470

Rectangle

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



119.9500, 48.1360, 30.7280



118.2070, 56.5770, 4.3930



93.9850, -75.8740, -34.6420



98.6080, -93.0250, -15.6570

Sweetspot

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



119.9500, 48.1360, 30.7280



214.1430, 19.0710, 12.3110



117.6070, 7.2820, 44.2580



104.7890, 11.1400, 7.3640



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



119.9500, 48.1360, 30.7280



137.7460, 75.7340, 48.1980



125.6940, 54.0080, 12.4080



86.0330, 4.4010, 2.8410



52.4580, 76.6050, 48.9330



9.3980, 13.7990, 8.7350

Inverse Universe

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



119.9500, 48.1360, 30.7280



137.7460, 75.7340, 48.1980



146.3060, -54.0080, -12.4080



86.0330, 4.4010, 2.8410



52.4580, 76.6050, 48.9330



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 119.9500, 48.1360, 30.7280 looks on a white background.

Color Contrast Check

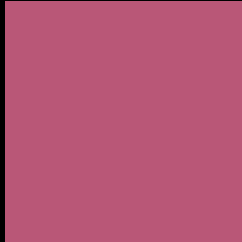
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9500, 48.1360, 30.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

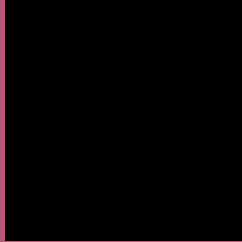
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.9500, 48.1360, 30.7280

Background



This preview shows how black text looks on a background with the YIQ color 119.9500, 48.1360, 30.7280.



This preview shows how white text looks on a background with the YIQ color 119.9500, 48.1360,

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

119.9500, 48.1360, 30.7280

Protanopia

120.2690, -7.8870, 5.2730

Deuteranopia

120.8550, 10.7740, 2.9820



Tritanopia

119.1920, 52.9060, 21.3700

Trichromacy



Original Color

119.9500, 48.1360, 30.7280

Protanomaly

119.9020, 12.5600, 14.6720

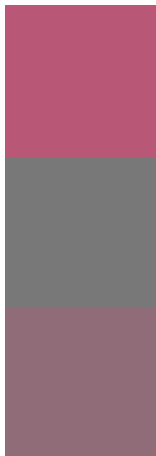
Deuteranomaly

120.3070, 24.4810, 13.3850

Tritanomaly

119.8160, 51.2090, 24.5930

Monochromacy



Original Color

119.9500, 48.1360, 30.7280

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1320, 17.6040, 11.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9500, 48.1360, 30.7280 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(185, 87, 119)` looks like.

```
.text, #text, p{  
    color:rgb(185, 87, 119)  
}
```

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(185, 87, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 87, 119) }
```

Border

The CSS property to change the border of an element to YIQ 119.9500, 48.1360, 30.7280 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(185, 87, 119) }
```


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

```
.border{ border-color:rgb(185, 87, 119) }
```

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

Here you see how a box with a 4 pixel rgb(185, 87, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 87, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 87, 119);  
box-shadow:4px 4px 4px 4px rgb(185, 87,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9500, 48.1360, 30.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 87, 119) }
```

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

```
.background{ background-color: rgb(185, 87,  
119) }
```

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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