

Converting Colors

YIQ(115.1850, 46.7570, 50.2210)

Have a look what the booklet for
YIQ(115.1850, 46.7570, 50.2210)
contains.

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Color

**YIQ(115.1850, 46.7570,
50.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4695
RGB	191, 70, 149
RGB Percent	75%, 27%, 58%
CMY	0.2506, 0.7257, 0.4156
CMYK	0.00, 0.63, 0.22, 0.25
HSL	321°, 49%, 51%
HSV	321°, 63%, 75%
XYZ	29.1218, 17.6324, 30.3156
YIQ	115.1850, 46.7570, 50.2210

Conversions

Conversions Part 2

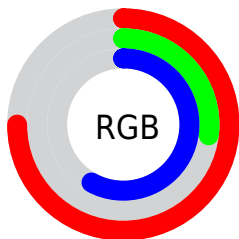
Format	Color
R_{YB}	191, 70, 149
Decimal	12535445
CIE _{Lab}	49.05, 56.70, -18.45
CIE _{LCh}	49, 59.627, 341.979
Yxy	17.6324, 0.3779, 0.2288
Android (android.graphics.Color)	4290725525 (0xFFBF4695)
YUV	115.1850, 16.6708, 66.4898
Hunter-Lab	41.9910, 50.3101, -13.4109

Details

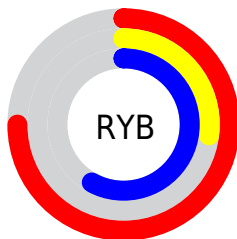
The YIQ color **115.1850, 46.7570, 50.2210** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **145.8150, -46.7570, -50.2210**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2670, 49.4620, 50.7580**, and **51.2380, 48.4060, 58.8860** is the 20% darker color. If you saturate the color by 10%, you get **103.2340, 54.2290, 57.9810**, and if you desaturate by 10%, it is **127.1360, 39.2850, 42.4610**.

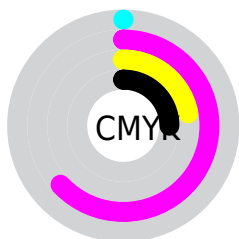
Distribution



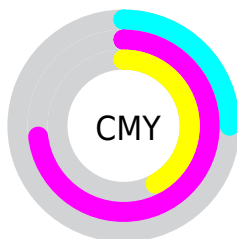
- Red (75%)
- Green (27%)
- Blue (58%)



- Red (75%)
- Yellow (27%)
- Blue (58%)



- Cyan (0%)
- Magenta (63%)
- Yellow (22%)
- Black (25%)





- Cyan (25%)
- Magenta (73%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1850, 46.7570, 50.2210 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 115.1850, 46.7570, 50.2210 by changing the saturation by 10% instead.


 115.1850, 46.7570,
50.2210


 115.1850, 46.7570,
50.2210


255.0000, -0.0000,
-0.0000


 85.9400, 46.0690,
51.6770


 171.2670, 49.4620,
50.7580


 51.2380, 48.4060,
58.8860


 192.3900, 35.7540,
45.8820


 40.1300, 39.4220,
45.4860


 211.5620, 20.3500,
38.7020

 29.4350, 30.7130,
32.6090

 228.5850, 12.3750,
23.5350

 19.9790, 22.8290,
21.3010

 245.6080, 4.4000,
8.3680

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,

0.0000

■ 115.1850, 46.7570,
50.2210

■ 115.1850, 46.7570,
50.2210

■ 103.2340, 54.2290,
57.9810

■ 127.1360, 39.2850,
42.4610

■ 91.3970, 61.3800,
66.0520

■ 138.9730, 32.1340,
34.3900

■ 79.4460, 68.8520,
73.8120

■ 150.9240, 24.6620,
26.6300

■ 71.3590, 73.7110,
79.3670

■ 162.8750, 17.1900,
18.8700

■ 174.7120, 10.0390,
10.7990

■ 187.2500, 2.2920,
2.5160

■ 199.0870, -4.8590,
-5.5550

■ 211.0380,
-12.3310, -13.3150

■ 222.9890,
-19.8030, -21.0750

Harmonies

Analogous

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



119.5350, -1.3830, 41.6010



115.1850, 46.7570, 50.2210



109.7470, 73.9930, 41.2010

Triad

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



115.1850, 46.7570, 50.2210



107.2060, 38.8410, -37.6310



101.8680, -96.6930, -15.2610

Complementary

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



115.1850, 46.7570, 50.2210



145.8150, -46.7570, -50.2210

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.



97.6840, -82.1560, -30.9240



115.1850, 46.7570, 50.2210



100.2680, -8.4280, -45.5160

Square

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



115.1850, 46.7570, 50.2210



109.7960, 70.0150, -18.8890



90.4680, -64.5930, -46.3610



101.1790, -104.3980, -2.2700

Rectangle

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



115.1850, 46.7570, 50.2210



110.4740, 78.5350, 24.9590



90.4680, -64.5930, -46.3610



100.8590, -92.4740, -20.1380

Sweetspot

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



115.1850, 46.7570, 50.2210



217.5870, 18.0610, 19.6050



95.7540, -15.0010, 46.1110



106.8370, 11.1850, 12.0570



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



115.1850, 46.7570, 50.2210



129.2340, 72.5650, 78.1090



108.4590, 65.6960, 31.8720



88.3750, 3.4380, 3.7740



58.9840, 61.1050, 65.5290



11.5490, 12.0560, 12.7920

Inverse Universe

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



115.1850, 46.7570, 50.2210



129.2340, 72.5650, 78.1090



152.5410, -65.6960, -31.8720



88.3750, 3.4380, 3.7740



58.9840, 61.1050, 65.5290



11.5490, 12.0560, 12.7920

Previews

White Background



This preview shows how the YIQ color 115.1850, 46.7570, 50.2210 looks on a white background.

Color Contrast Check

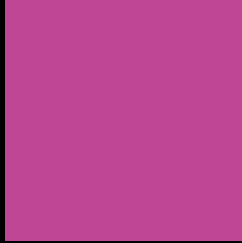
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.1850, 46.7570, 50.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

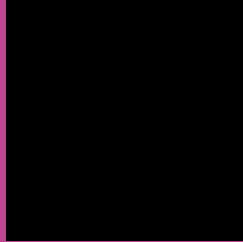
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.1850, 46.7570, 50.2210

Background



This preview shows how black text looks on a background with the YIQ color 115.1850, 46.7570, 50.2210.



This preview shows how white text looks on a background with the YIQ color 115.1850, 46.7570,

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

115.1850, 46.7570, 50.2210

Protanopia

115.8750, -35.5360, 16.2720

Deuteranopia

118.3770, -8.0710, 8.6090



Tritanopia

115.8830, 58.2700, 23.2780

Trichromacy



Original Color

115.1850, 46.7570, 50.2210

Protanomaly

115.8790, -5.8280, 28.5400

Deuteranomaly

117.4000, 11.4580, 23.6340

Tritanomaly

115.9400, 54.0960, 32.8480

Monochromacy



Original Color

115.1850, 46.7570, 50.2210

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.3480, 17.2360, 18.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1850, 46.7570, 50.2210 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(191, 70, 149)` looks like.

```
.text, #text, p{  
    color:rgb(191, 70, 149)  
}
```

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(191, 70, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 70, 149) }
```

Border

The CSS property to change the border of an element to YIQ 115.1850, 46.7570, 50.2210 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(191, 70, 149) }
```


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

```
.border{ border-color:rgb(191, 70, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 70, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 70, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 70, 149);  
box-shadow:4px 4px 4px 4px rgb(191, 70,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1850, 46.7570, 50.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 70, 149) }
```

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

```
.background{ background-color: rgb(191, 70,  
149) }
```

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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