

Converting Colors

YIQ(113.3050, 46.2990, 47.5070)

Have a look what the booklet for
YIQ(113.3050, 46.2990, 47.5070)
contains.

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Color

**YIQ(113.3050, 46.2990,
47.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	BB468F
RGB	187, 70, 143
RGB Percent	73%, 27%, 56%
CMY	0.2663, 0.7257, 0.4391
CMYK	0.00, 0.63, 0.24, 0.27
HSL	323°, 46%, 50%
HSV	323°, 63%, 73%
XYZ	27.6612, 16.9336, 27.8101
YIQ	113.3050, 46.2990, 47.5070

Conversions

Conversions Part 2

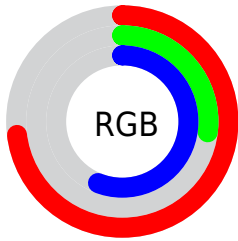
Format	Color
RYB	187, 70, 143
Decimal	12273295
CIELab	48.18, 54.72, -16.25
CIELCh	48, 57.084, 343.465
Yxy	16.9336, 0.3820, 0.2339
Android (android.graphics.Color)	4290463375 (0xFFBB468F)
YUV	113.3050, 14.6396, 64.6305
Hunter-Lab	41.1504, 47.9741, -11.2638

Details

The YIQ color **113.3050, 46.2990, 47.5070** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **143.6950, -46.2990, -47.5070**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3870, 49.0040, 48.0440**, and **49.4720, 47.6270, 56.4830** is the 20% darker color. If you saturate the color by 10%, you get **101.3540, 53.7710, 55.2670**, and if you desaturate by 10%, it is **125.2560, 38.8270, 39.7470**.

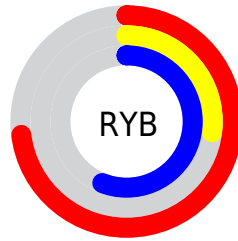
Distribution



Red (73%)

Green (27%)

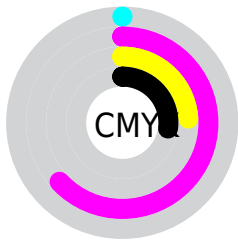
Blue (56%)



Red (73%)

Yellow (27%)

Blue (56%)

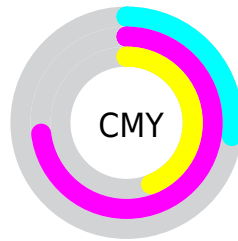


Cyan (0%)

Magenta (63%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.3050, 46.2990, 47.5070 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 113.3050, 46.2990, 47.5070 by changing the saturation by 10% instead.


 113.3050, 46.2990,
47.5070


 113.3050, 46.2990,
47.5070


255.0000, -0.0000,
-0.0000


 84.6470, 45.3360,
48.4400


 169.3870, 49.0040,
48.0440


 49.4720, 47.6270,
56.4830


 191.1190, 37.9550,
44.5390


 38.6630, 39.2390,
43.2950


 211.4480, 20.6710,
38.3910

 27.9680, 30.5300,
30.4180

 227.9980, 12.6500,
24.0580

 18.5120, 22.6460,
19.1100

 245.0210, 4.6750,
8.8910

 2.9900, 5.9600,
2.1200

 0.0000, 0.0000,

0.0000

■ 113.3050, 46.2990,
47.5070

■ 113.3050, 46.2990,
47.5070

■ 101.3540, 53.7710,
55.2670

■ 125.2560, 38.8270,
39.7470

■ 89.9900, 60.9680,
62.5040

■ 136.6200, 31.6300,
32.5100

■ 78.0390, 68.4400,
70.2640

■ 148.5710, 24.1580,
24.7500

■ 69.2510, 73.8950,
76.0310

■ 160.5220, 16.6860,
16.9900

■ 171.8860, 9.4890,
9.7530

■ 183.8370, 2.0170,
1.9930

■ 195.7880, -5.4550,
-5.7670

■ 207.7390,
-12.9270, -13.5270

■ 219.1030,
-20.1240, -20.7640

Harmonies

Analogous

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



117.5630, 1.4140, 40.4700



113.3050, 46.2990, 47.5070



108.7850, 70.8300, 37.9500

Triad

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



113.3050, 46.2990, 47.5070



104.8360, 37.0070, -37.4330



99.7650, -94.9050, -14.6250

Complementary

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



113.3050, 46.2990, 47.5070



143.6950, -46.2990, -47.5070

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.



95.8090, -81.0100, -29.6660



113.3050, 46.2990, 47.5070



98.1800, -10.9960, -43.0280

Square

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



113.3050, 46.2990, 47.5070



107.8710, 65.4300, -18.3940



88.9350, -64.4100, -44.1700



98.1470, -101.3720, -2.0440

Rectangle

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



113.3050, 46.2990, 47.5070



109.0390, 75.3260, 22.5420



88.9350, -64.4100, -44.1700



98.7560, -90.6860, -19.5020

Sweetspot

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



113.3050, 46.2990, 47.5070



213.0600, 18.1070, 18.7710



96.1950, -11.9290, 45.5030



104.4240, 10.9100, 11.5340



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



113.3050, 46.2990, 47.5070



128.0010, 71.6030, 73.5150



106.8070, 64.5960, 29.7800



88.3750, 3.4380, 3.7740



58.5280, 62.3890, 64.2850



11.4350, 12.3770, 12.4810

Inverse Universe

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



113.3050, 46.2990, 47.5070



128.0010, 71.6030, 73.5150



150.1930, -64.5960, -29.7800



88.3750, 3.4380, 3.7740



58.5280, 62.3890, 64.2850



11.4350, 12.3770, 12.4810

Previews

White Background



This preview shows how the YIQ color 113.3050, 46.2990, 47.5070 looks on a white background.

Color Contrast Check

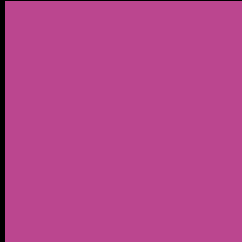
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3050, 46.2990, 47.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

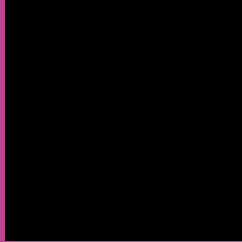
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.3050, 46.2990, 47.5070

Background



This preview shows how black text looks on a background with the YIQ color 113.3050, 46.2990, 47.5070.

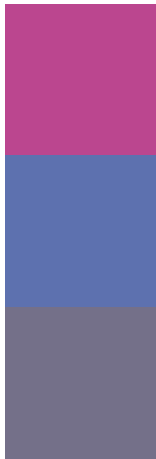


This preview shows how white text looks on a background with the YIQ color 113.3050, 46.2990,

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

113.3050, 46.2990, 47.5070

Protanopia

114.0880, -31.8220, 15.0420

Deuteranopia

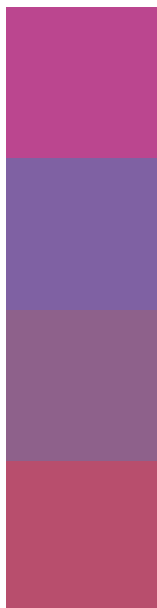
116.0460, -5.6410, 8.6230



Tritanopia

113.2850, 57.0780, 22.8540

Trichromacy



Original Color

113.3050, 46.2990, 47.5070

Protanomaly

113.4940, -3.3060, 26.8860

Deuteranomaly

115.2430, 13.3380, 22.6020

Tritanomaly

113.2280, 53.2250, 32.1130

Monochromacy



Original Color

113.3050, 46.2990, 47.5070

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9350, 16.9610, 17.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3050, 46.2990, 47.5070 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(187, 70, 143)` looks like.

```
.text, #text, p{  
    color:rgb(187, 70, 143)  
}
```

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(187, 70, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 70, 143) }
```

Border

The CSS property to change the border of an element to YIQ 113.3050, 46.2990, 47.5070 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(187, 70, 143) }
```


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

```
.border{ border-color:rgb(187, 70, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 70, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 70, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 70, 143);  
box-shadow:4px 4px 4px 4px rgb(187, 70,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3050, 46.2990, 47.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 70, 143) }
```

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

```
.background{ background-color: rgb(187, 70,  
143) }
```

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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