

Converting Colors

YIQ(114.9460, 53.9590, 29.8230)

Have a look what the booklet for
YIQ(114.9460, 53.9590, 29.8230)
contains.

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Color

**YIQ(114.9460, 53.9590,
29.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	B9516A
RGB	185, 81, 106
RGB Percent	73%, 32%, 42%
CMY	0.2742, 0.6825, 0.5841
CMYK	0.00, 0.56, 0.43, 0.27
HSL	346°, 43%, 52%
HSV	346°, 56%, 73%
XYZ	25.5671, 17.2426, 15.6298
YIQ	114.9460, 53.9590, 29.8230

Conversions

Conversions Part 2

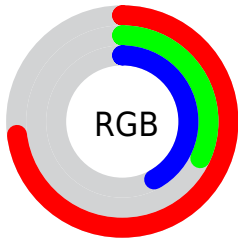
Format	Color
R_{YB}	185, 81, 106
Decimal	12145002
CIE Lab	48.56, 44.47, 6.60
CIE LCh	49, 44.956, 8.440
Yxy	17.2426, 0.4375, 0.2951
Android (android.graphics.Color)	4290335082 (0xFFB9516A)
YUV	114.9460, -4.4104, 61.4374
Hunter-Lab	41.5243, 37.2374, 6.7501

Details

The YIQ color **114.9460, 53.9590, 29.8230** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **151.0540, -53.9590, -29.8230**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5120, 58.1770, 30.4730**, and **60.8470, 49.9240, 31.3640** is the 20% darker color. If you saturate the color by 10%, you get **102.1970, 63.6780, 35.4060**, and if you desaturate by 10%, it is **127.1080, 44.5150, 24.7630**.

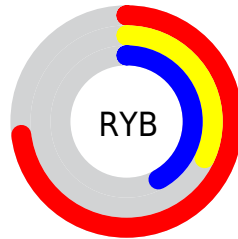
Distribution



Red (73%)

Green (32%)

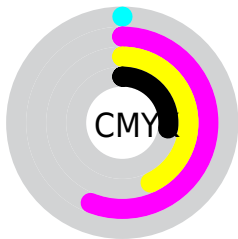
Blue (42%)



Red (73%)

Yellow (32%)

Blue (42%)

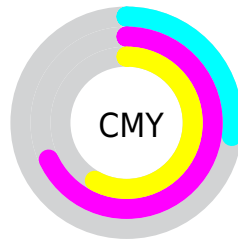


Cyan (0%)

Magenta (56%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (68%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9460, 53.9590, 29.8230 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 114.9460, 53.9590, 29.8230 by changing the saturation by 10% instead.

■ 114.9460, 53.9590,
29.8230

■ 114.9460, 53.9590,
29.8230

■ 255.0000, -0.0000,
-0.0000

■ 88.2770, 51.5290,
29.8090

■ 169.5120, 58.1770,
30.4730

■ 60.8470, 49.9240,
31.3640

■ 191.7280, 48.6410,
27.0810

■ 34.2320, 47.4020,
33.0180

■ 211.3560, 31.9530,
21.1450

■ 23.7650, 38.0510,
20.7630

■ 230.9840, 15.2650,
15.2090

■ 14.8790, 28.5620,
11.0100

■ 250.3040, 2.2000,
4.1840

■ 0.0000, 0.0000,
0.0000

■ 114.9460, 53.9590,
29.8230

■ 114.9460, 53.9590,
29.8230

■ 102.1970, 63.6780,
35.4060

■ 127.1080, 44.5150,
24.7630

■ 90.0350, 73.1220,
40.4660

■ 139.8570, 34.7960,
19.1800

■ 77.2860, 82.8410,
46.0490

■ 152.0190, 25.3520,
14.1200

■ 65.1240, 92.2850,
51.1090

■ 164.7680, 15.6330,
8.5370

■ 60.4450, 95.8150,
53.2150


■ 176.9300, 6.1890,
3.4770

■ 189.6790, -3.5300,
-2.1060

■ 202.4280,
-13.2490, -7.6890

■ 214.5900,

-22.6930, -12.7490

 227.3390,
-32.4120, -18.3320

Harmonies

Analogous

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



117.7280, 31.4460, 35.8460



114.9460, 53.9590, 29.8230



114.0430, 60.3350, 13.3830

Triad

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



114.9460, 53.9590, 29.8230



105.3050, -0.6820, -31.7060



95.7530, -94.6310, -8.5750

Complementary

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



114.9460, 53.9590, 29.8230



151.0540, -53.9590, -29.8230

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.



96.5390, -88.5770, -19.1770



114.9460, 53.9590, 29.8230



90.2780, -57.9460, -40.1700

Square

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



114.9460, 53.9590, 29.8230



110.2290, 32.0070, -23.9050



92.9080, -76.9750, -31.2070



108.4040, -56.2590, 11.8770

Rectangle

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



114.9460, 53.9590, 29.8230



113.1590, 56.5320, -0.3000



92.9080, -76.9750, -31.2070



96.2430, -93.2550, -11.4870

Sweetspot

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



114.9460, 53.9590, 29.8230



212.3990, 21.2260, 11.8020



116.1780, 13.1040, 48.8800



103.8600, 12.3780, 6.9540



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.



114.9460, 53.9590, 29.8230



130.1830, 84.6290, 46.6850



127.3580, 54.8340, 8.4500



85.9190, 4.7220, 2.5300



50.8620, 81.0990, 44.5790



9.1700, 14.4410, 8.1130

Inverse Universe

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



114.9460, 53.9590, 29.8230



130.1830, 84.6290, 46.6850



138.6420, -54.8340, -8.4500



85.9190, 4.7220, 2.5300



50.8620, 81.0990, 44.5790



9.1700, 14.4410, 8.1130

Previews

White Background



This preview shows how the YIQ color 114.9460, 53.9590, 29.8230 looks on a white background.

Color Contrast Check

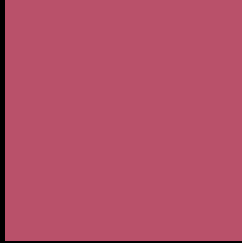
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.9460, 53.9590, 29.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

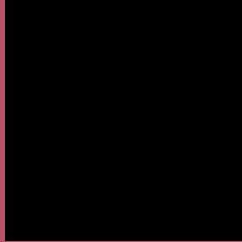
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.9460, 53.9590, 29.8230

Background



This preview shows how black text looks on a background with the YIQ color 114.9460, 53.9590, 29.8230.



This preview shows how white text looks on a background with the YIQ color 114.9460, 53.9590,

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

114.9460, 53.9590, 29.8230

Protanopia

116.1400, -3.2100, 3.1100

Deuteranopia

116.7260, 15.4510, 0.8190



Tritanopia

114.5840, 57.6740, 23.0660

Trichromacy



Original Color

114.9460, 53.9590, 29.8230

Protanomaly

115.7730, 17.2370, 12.5090

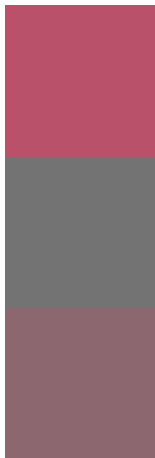
Deuteranomaly

116.1780, 29.1580, 11.2220

Tritanomaly

114.6810, 56.0230, 25.4550

Monochromacy



Original Color

114.9460, 53.9590, 29.8230

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0890, 19.1630, 10.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9460, 53.9590, 29.8230 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, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(185, 81, 106)  
}
```

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, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 81, 106) }
```

Border

The CSS property to change the border of an element to YIQ 114.9460, 53.9590, 29.8230 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, 81, 106) }
```


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

```
.border{ border-color:rgb(185, 81, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 81, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 81, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 81, 106);  
box-shadow:4px 4px 4px 4px rgb(185, 81,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9460, 53.9590, 29.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 81, 106) }
```

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

```
.background{ background-color: rgb(185, 81,  
106) }
```

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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