

Converting Colors

YIQ(109.9510, 64.7310, 43.8590)

Have a look what the booklet for
YIQ(109.9510, 64.7310, 43.8590)
contains.

YIQ(109.9510, 64.7310, 43.8590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(109.9510, 64.7310,
43.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	C74071
RGB	199, 64, 113
RGB Percent	78%, 25%, 44%
CMY	0.2193, 0.7492, 0.5566
CMYK	0.00, 0.68, 0.43, 0.22
HSL	338°, 55%, 52%
HSV	338°, 68%, 78%
XYZ	28.3910, 17.0083, 17.4258
YIQ	109.9510, 64.7310, 43.8590

Conversions

Conversions Part 2

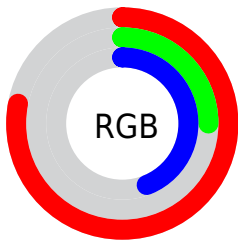
Format	Color
R_{YB}	199, 64, 113
Decimal	13058161
CIE _{Lab}	48.27, 57.21, 2.23
CIE _{LCh}	48, 57.249, 2.227
Yxy	17.0083, 0.4519, 0.2707
Android (android.graphics.Color)	4291248241 (0xFFC74071)
YUV	109.9510, 1.5032, 78.0960
Hunter-Lab	41.2411, 50.7100, 3.8167

Details

The YIQ color **109.9510, 64.7310, 43.8590** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **153.0490, -64.7310, -43.8590**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4950, 66.0150, 42.6150**, and **49.2700, 62.5750, 49.8950** is the 20% darker color. If you saturate the color by 10%, you get **96.7290, 74.4040, 50.2760**, and if you desaturate by 10%, it is **123.1730, 55.0580, 37.4420**.

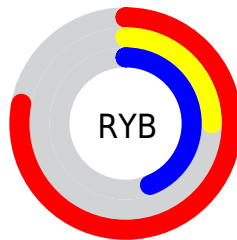
Distribution



Red (78%)

Green (25%)

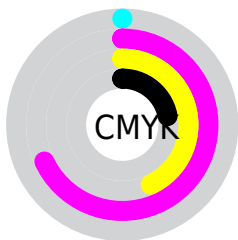
Blue (44%)



Red (78%)

Yellow (25%)

Blue (44%)

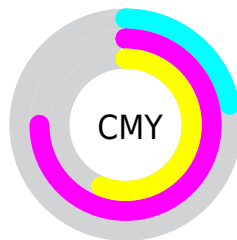


Cyan (0%)

Magenta (68%)

Yellow (43%)

Black (22%)



Cyan (22%)


Magenta (75%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.9510, 64.7310, 43.8590 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 109.9510, 64.7310, 43.8590 by changing the saturation by 10% instead.


 109.9510, 64.7310,
43.8590


 109.9510, 64.7310,
43.8590


255.0000, -0.0000,
-0.0000


 79.4610, 63.3550,
46.7710


 165.4950, 66.0150,
42.6150


 49.2700, 62.5750,
49.8950


 185.0090, 49.6480,
36.3680

 38.2050, 52.0320,
37.2160


 204.6370, 32.9600,
30.4320

 27.4390, 42.0850,
24.7490

 224.8520, 15.9970,
23.9730

 17.2710, 33.3300,
12.7060

 242.6730, 5.7750,
10.9830

 4.7840, 9.5360,
3.3920

 0.0000, 0.0000,

0.0000

■ 109.9510, 64.7310,
43.8590

■ 109.9510, 64.7310,
43.8590

■ 96.7290, 74.4040,
50.2760

■ 123.1730, 55.0580,
37.4420

■ 83.6210, 83.7560,
57.0040

■ 136.2810, 45.7060,
30.7140

■ 70.3990, 93.4290,
63.4210

■ 149.5030, 36.0330,
24.2970

■ 67.7090, 95.4920,
64.5800

■ 162.7250, 26.3600,
17.8800

■ 175.2460, 17.2830,
11.6750

■ 188.4680, 7.6100,
5.2580

■ 201.6900, -2.0630,
-1.1590

■ 214.7980,
-11.4150, -7.8870

■ 228.0200,
-21.0880, -14.3040

Harmonies

Analogous

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



115.8780, 31.4440, 46.9000



109.9510, 64.7310, 43.8590



109.5660, 75.2800, 23.3760

Triad

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



109.9510, 64.7310, 43.8590



101.5430, 9.9110, -41.9690



99.6970, -100.2250, -6.3130

Complementary

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



109.9510, 64.7310, 43.8590



153.0490, -64.7310, -43.8590

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.



98.6420, -90.3650, -19.8130



109.9510, 64.7310, 43.8590



86.2960, -58.3570, -49.2450

Square

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



109.9510, 64.7310, 43.8590



106.9840, 48.5140, -31.2140



93.7570, -75.2320, -35.2640



94.0210, -100.7770, 3.6950

Rectangle

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



109.9510, 64.7310, 43.8590



110.2920, 72.3950, 4.0670



93.7570, -75.2320, -35.2640



99.8450, -97.8860, -10.1580

Sweetspot

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



109.9510, 64.7310, 43.8590



221.4150, 24.2970, 16.7210



105.1040, 7.9210, 60.2170



107.5230, 14.9450, 9.9930



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



109.9510, 64.7310, 43.8590



118.5570, 98.9760, 67.5200



114.9310, 75.5100, 19.2060



93.0330, 4.4010, 2.8410



55.4630, 78.2090, 52.9050



12.2460, 17.2830, 11.6750

Inverse Universe

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



109.9510, 64.7310, 43.8590



118.5570, 98.9760, 67.5200



148.0690, -75.5100, -19.2060



93.0330, 4.4010, 2.8410



55.4630, 78.2090, 52.9050



12.2460, 17.2830, 11.6750

Previews

White Background



This preview shows how the YIQ color 109.9510, 64.7310, 43.8590 looks on a white background.

Color Contrast Check

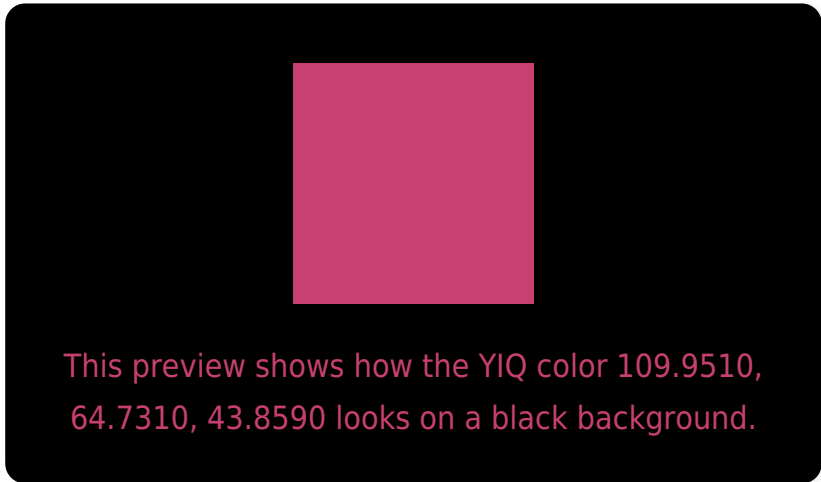
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

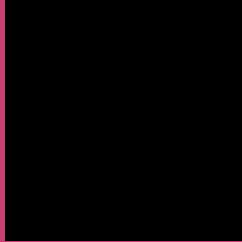
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.9510, 64.7310, 43.8590

Background



This preview shows how black text looks on a background with the YIQ color 109.9510, 64.7310, 43.8590.



This preview shows how white text looks on a background with the YIQ color 109.9510, 64.7310,

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

109.9510, 64.7310, 43.8590

Protanopia

115.5120, -12.8850, 7.7470

Deuteranopia

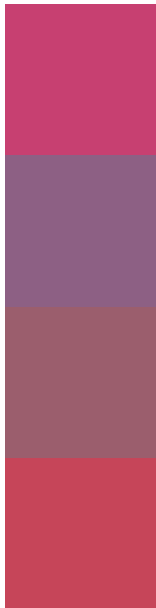
116.1110, 12.9290, 2.4730



Tritanopia

109.8310, 73.2160, 27.7440

Trichromacy



Original Color

109.9510, 64.7310, 43.8590

Protanomaly

113.5590, 15.2640, 20.7360

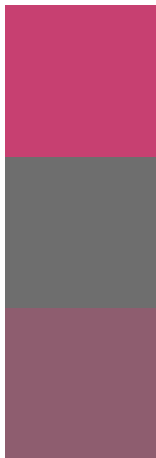
Deuteranomaly

113.9490, 31.5410, 17.5970

Tritanomaly

109.8510, 70.4640, 33.5680

Monochromacy



Original Color

109.9510, 64.7310, 43.8590

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7030, 23.4260, 15.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.9510, 64.7310, 43.8590 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(199, 64, 113)` looks like.

```
.text, #text, p{  
    color:rgb(199, 64, 113)  
}
```

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(199, 64, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 64, 113) }
```

Border

The CSS property to change the border of an element to YIQ 109.9510, 64.7310, 43.8590 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(199, 64, 113) }
```


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

```
.border{ border-color:rgb(199, 64, 113) }
```

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

Here you see how a box with a 4 pixel rgb(199, 64, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 64, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 64, 113);  
box-shadow:4px 4px 4px 4px rgb(199, 64,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 109.9510, 64.7310, 43.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 64, 113) }
```

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

```
.background{ background-color: rgb(199, 64,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor