

Converting Colors

YIQ(110.4490, 46.4340, 61.5860)

Have a look what the booklet for
YIQ(110.4490, 46.4340, 61.5860)
contains.

YIQ(110.4490, 46.4340, 61.5860)	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(110.4490, 46.4340,
61.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	C13AA4
RGB	193, 58, 164
RGB Percent	76%, 23%, 64%
CMY	0.2427, 0.7727, 0.3568
CMYK	0.00, 0.70, 0.15, 0.24
HSL	313°, 54%, 49%
HSV	313°, 70%, 76%
XYZ	30.2309, 17.0521, 36.8323
YIQ	110.4490, 46.4340, 61.5860

Conversions

Conversions Part 2

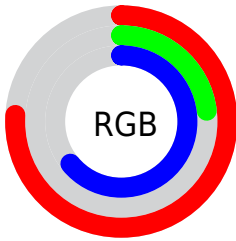
Format	Color
R_{YB}	193, 58, 164
Decimal	12663460
CIE _{Lab}	48.33, 64.04, -28.45
CIE _{LCh}	48, 70.072, 336.048
Yxy	17.0521, 0.3594, 0.2027
Android (android.graphics.Color)	4290853540 (0xFFC13AA4)
YUV	110.4490, 26.4006, 72.3972
Hunter-Lab	41.2942, 58.4123, -23.9777

Details

The YIQ color **110.4490, 46.4340, 61.5860** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **140.5510, -46.4340, -61.5860**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4060, 47.9930, 60.8650**, and **53.4320, 45.1040, 63.6640** is the 20% darker color. If you saturate the color by 10%, you get **98.8400, 52.9430, 70.2790**, and if you desaturate by 10%, it is **122.0580, 39.9250, 52.8930**.

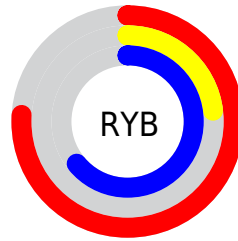
Distribution



Red (76%)

Green (23%)

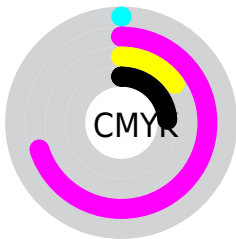
Blue (64%)



Red (76%)

Yellow (23%)

Blue (64%)

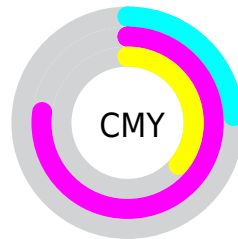


Cyan (0%)

Magenta (70%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (77%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.4490, 46.4340, 61.5860 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 110.4490, 46.4340, 61.5860 by changing the saturation by 10% instead.


 110.4490, 46.4340,
61.5860


 110.4490, 46.4340,
61.5860


255.0000, -0.0000,
-0.0000


 77.0950, 47.6710,
66.7030


 168.7050, 48.5890,
61.0770


 53.4320, 45.1040,
63.6640


 189.0450, 32.7720,
55.8760


 42.2100, 36.4410,
49.9530


 206.8660, 22.5500,
42.8860

 31.1020, 27.4570,
36.5530

 223.8890, 14.5750,
27.7190

 21.1190, 19.6190,
24.4110

 240.9120, 6.6000,
12.5520

 8.7440, 7.0130,
10.5730

 0.0000, 0.0000,

0.0000

■ 110.4490, 46.4340,
61.5860

■ 110.4490, 46.4340,
61.5860

■ 98.8400, 52.9430,
70.2790

■ 122.0580, 39.9250,
52.8930

■ 86.6440, 59.7270,
79.4950

■ 134.2540, 33.1410,
43.6770

■ 75.0350, 66.2360,
88.1880

■ 145.8630, 26.6320,
34.9840

■ 157.5860, 19.8020,
26.6020

■ 169.7820, 13.0180,
17.3860

■ 181.3910, 6.5090,
8.6930

■ 193.0000, -0.0000,
-0.0000

■ 204.6090, -6.5090,
-8.6930

■ 216.8050,
-13.2930, -17.9090

Harmonies

Analogous

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



117.0310, -17.3390, 44.4290



110.4490, 46.4340, 61.5860



98.5720, 85.4520, 59.3080

Triad

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



110.4490, 46.4340, 61.5860



106.3640, 44.3880, -33.5320



103.0420, -97.2430, -16.3070

Complementary

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



110.4490, 46.4340, 61.5860



140.5510, -46.4340, -61.5860

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.



96.5440, -78.9460, -34.0340



110.4490, 46.4340, 61.5860



95.4460, 2.3940, -54.4220

Square

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



110.4490, 46.4340, 61.5860



107.2150, 79.3210, -11.3270



87.6010, -57.8980, -52.0580



104.1940, -108.7540, -0.4180

Rectangle

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



110.4490, 46.4340, 61.5860



101.5610, 92.0120, 39.5320



87.6010, -57.8980, -52.0580



100.9900, -91.4650, -21.9050

Sweetspot

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



110.4490, 46.4340, 61.5860



217.6350, 18.1060, 24.2980



81.4630, -27.2430, 47.7090



106.0050, 10.7720, 14.0360



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.



110.4490, 46.4340, 61.5860



121.6000, 72.1950, 95.8350



102.9250, 67.6200, 41.0600



90.9020, 3.3920, 4.6080



62.5030, 55.5100, 73.3180



12.8310, 11.3220, 15.0820

Inverse Universe

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



110.4490, 46.4340, 61.5860



121.6000, 72.1950, 95.8350



148.0750, -67.6200, -41.0600



90.9020, 3.3920, 4.6080



62.5030, 55.5100, 73.3180



12.8310, 11.3220, 15.0820

Previews

White Background



This preview shows how the YIQ color 110.4490, 46.4340, 61.5860 looks on a white background.

Color Contrast Check

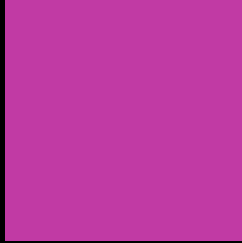
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4490, 46.4340, 61.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

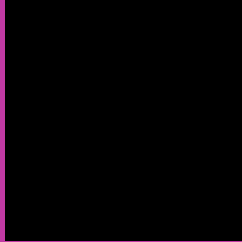
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.4490, 46.4340, 61.5860

Background



This preview shows how black text looks on a background with the YIQ color 110.4490, 46.4340, 61.5860.



This preview shows how white text looks on a background with the YIQ color 110.4490, 46.4340,

61.5860.

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

110.4490, 46.4340, 61.5860

Protanopia

110.0160, -57.6820, 21.1500

Deuteranopia

115.7980, -19.4420, 10.9420



Tritanopia

113.0790, 60.6540, 24.1260

Trichromacy



Original Color

110.4490, 46.4340, 61.5860



Protanomaly

109.7930, -19.9050, 35.8630



Deuteranomaly

113.9680, 4.1670, 29.1190



Tritanomaly

112.4720, 55.6540, 37.6540

Monochromacy



Original Color

110.4490, 46.4340, 61.5860



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.0970, 16.6850, 22.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4490, 46.4340, 61.5860 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(193, 58, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 58, 164)  
}
```

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(193, 58, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 58, 164) }
```

Border

The CSS property to change the border of an element to YIQ 110.4490, 46.4340, 61.5860 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(193, 58, 164) }
```


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

```
.border{ border-color:rgb(193, 58, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 58, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 58, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 58, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 58,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4490, 46.4340, 61.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 58, 164) }
```

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

```
.background{ background-color: rgb(193, 58,  
164) }
```

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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