

Converting Colors

YIQ(118.3860, 33.5500, 63.8060)

Have a look what the booklet for
YIQ(118.3860, 33.5500, 63.8060)
contains.

YIQ(118.3860, 33.5500, 63.8060)	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(118.3860, 33.5500,
63.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	BE44BE
RGB	190, 68, 190
RGB Percent	75%, 27%, 75%
CMY	0.2545, 0.7335, 0.2549
CMYK	0.00, 0.64, 0.00, 0.25
HSL	300°, 48%, 51%
HSV	300°, 64%, 75%
XYZ	32.6179, 18.8054, 50.6315
YIQ	118.3860, 33.5500, 63.8060

Conversions

Conversions Part 2

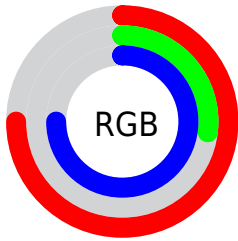
Format	Color
R _{YB}	190, 68, 190
Decimal	12469438
CIE _{Lab}	50.46, 63.60, -40.36
CIE _{LCh}	50, 75.327, 327.599
Yxy	18.8054, 0.3196, 0.1843
Android (android.graphics.Color)	4290659518 (0xFFBE44BE)
YUV	118.3860, 35.3057, 62.8055
Hunter-Lab	43.3652, 58.3730, -38.8690

Details

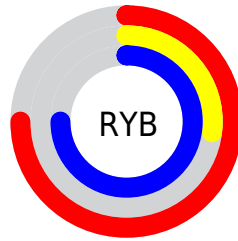
The YIQ color **118.3860, 33.5500, 63.8060** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **139.6140, -33.5500, -63.8060**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9840, 34.7420, 64.2300**, and **55.2710, 35.6120, 70.4920** is the 20% darker color. If you saturate the color by 10%, you get **107.2330, 38.7750, 73.7430**, and if you desaturate by 10%, it is **129.5390, 28.3250, 53.8690**.

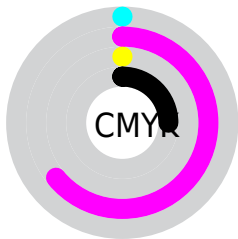
Distribution



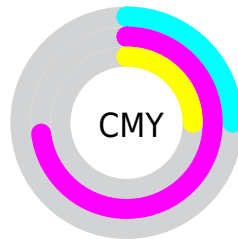
- Red (75%)
- Green (27%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (64%)
- Yellow (0%)
- Black (25%)




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

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.3860, 33.5500, 63.8060 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 118.3860, 33.5500, 63.8060 by changing the saturation by 10% instead.


 118.3860, 33.5500,
63.8060


 118.3860, 33.5500,
63.8060


255.0000, -0.0000,
-0.0000


 87.8530, 33.7330,
65.9970


 175.9840, 34.7420,
64.2300


 55.2710, 35.6120,
70.4920


 195.1260, 28.0500,
53.3460


 44.2340, 27.8660,
56.6820


 211.5620, 20.3500,
38.7020

 33.0120, 19.2030,
42.9710

 228.5850, 12.3750,
23.5350

 23.2140, 12.2820,
30.7300

 245.6080, 4.4000,
8.3680

 11.3230, 1.1890,
17.0050

 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 118.3860, 33.5500,
63.8060

■ 118.3860, 33.5500,
63.8060

■ 107.2330, 38.7750,
73.7430

■ 129.5390, 28.3250,
53.8690

■ 96.0800, 44.0000,
83.6800

■ 140.6920, 23.1000,
43.9320

■ 84.9270, 49.2250,
93.6170

■ 151.8450, 17.8750,
33.9950

■ 78.4700, 52.2500,
99.3700

■ 162.9980, 12.6500,
24.0580

■ 174.1510, 7.4250,
14.1210

■ 185.3040, 2.2000,
4.1840

■ 196.4570, -3.0250,
-5.7530

■ 207.6100, -8.2500,
-15.6900

■ 218.7630,
-13.4750, -25.6270

Harmonies

Analogous

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



118.0260, -45.3060, 39.1580



118.3860, 33.5500, 63.8060



100.0750, 85.9540, 72.2420

Triad

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



118.3860, 33.5500, 63.8060



112.9420, 57.5000, -28.8680



106.5810, -97.5630, -21.5230

Complementary

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



118.3860, 33.5500, 63.8060



139.6140, -33.5500, -63.8060

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.



99.1710, -76.6980, -41.7380



118.3860, 33.5500, 63.8060



104.0840, 15.2770, -51.1150

Square

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



118.3860, 33.5500, 63.8060



110.2710, 94.0830, -3.5250



88.9570, -53.4490, -61.1050



110.0470, -112.8340, -3.5700

Rectangle

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



118.3860, 33.5500, 63.8060



100.2930, 99.2990, 56.1550



88.9570, -53.4490, -61.1050



104.7740, -91.0970, -28.5770

Sweetspot

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



118.3860, 33.5500, 63.8060



219.4110, 12.9250, 24.5810



81.9080, -39.1620, 37.9420



107.9770, 7.9750, 15.1670



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.



118.3860, 33.5500, 63.8060



135.4700, 52.2500, 99.3700



111.4320, 53.1310, 44.8350



88.7170, 2.4750, 4.7070



65.2540, 43.4500, 82.6340



12.8030, 8.5250, 16.2130

Inverse Universe

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



118.3860, 33.5500, 63.8060



135.4700, 52.2500, 99.3700



146.5680, -53.1310, -44.8350



88.7170, 2.4750, 4.7070



65.2540, 43.4500, 82.6340



12.8030, 8.5250, 16.2130

Previews

White Background



This preview shows how the YIQ color 118.3860, 33.5500, 63.8060 looks on a white background.

Color Contrast Check

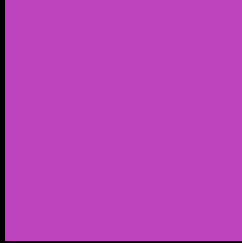
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 118.3860, 33.5500, 63.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

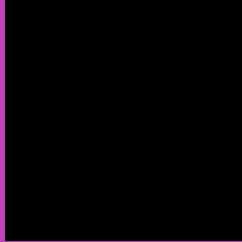
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.3860, 33.5500, 63.8060

Background



This preview shows how black text looks on a background with the YIQ color 118.3860, 33.5500, 63.8060.



This preview shows how white text looks on a background with the YIQ color 118.3860, 33.5500,

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

118.3860, 33.5500, 63.8060

Protanopia

110.1200, -78.4060, 22.2820

Deuteranopia

118.5820, -36.2690, 13.0350



Tritanopia

121.0990, 48.7340, 19.8860

Trichromacy



Original Color

118.3860, 33.5500, 63.8060



Protanomaly

112.9790, -37.9240, 37.5320



Deuteranomaly

118.5350, -10.5510, 31.5370



Tritanomaly

120.0730, 43.5960, 35.9160

Monochromacy



Original Color

118.3860, 33.5500, 63.8060



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

118.1720, 12.1000, 23.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3860, 33.5500, 63.8060 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(190, 68, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 68, 190)  
}
```

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(190, 68, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 68, 190) }
```

Border

The CSS property to change the border of an element to YIQ 118.3860, 33.5500, 63.8060 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(190, 68, 190) }
```


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

```
.border{ border-color:rgb(190, 68, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 68, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 68, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 68, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 68,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3860, 33.5500, 63.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 68, 190) }
```

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

```
.background{ background-color: rgb(190, 68,  
190) }
```

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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