

Converting Colors

YIQ(118.1220, 4.0870, -35.5370)

Have a look what the booklet for
YIQ(118.1220, 4.0870, -35.5370)
contains.

YIQ(118.1220, 4.0870, -35.5370)	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(118.1220, 4.0870,
-35.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	648C35
RGB	100, 140, 53
RGB Percent	39%, 55%, 21%
CMY	0.6080, 0.4509, 0.7921
CMYK	0.29, 0.00, 0.62, 0.45
HSL	88°, 45%, 38%
HSV	88°, 62%, 55%
XYZ	15.2749, 21.7254, 6.7591
YIQ	118.1220, 4.0870, -35.5370

Conversions

Conversions Part 2

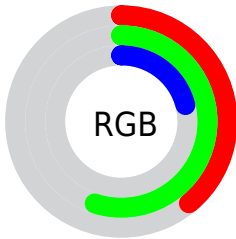
Format	Color
RYB	53, 140, 93
Decimal	6589493
CIELab	53.73, -28.74, 41.04
CIELCh	54, 50.102, 125.000
Yxy	21.7254, 0.3491, 0.4965
Android (android.graphics.Color)	4284779573 (0xFF648C35)
YUV	118.1220, -32.1051, -15.8930
Hunter-Lab	46.6105, -23.0715, 24.0296

Details

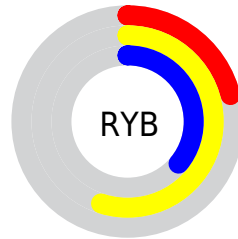
The YIQ color **118.1220, 4.0870, -35.5370** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **74.8780, -4.0870, 35.5370**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.3670, 4.7750, -36.9930**, and **67.4810, 4.4540, -36.6820** is the 20% darker color. If you saturate the color by 10%, you get **114.7320, 5.0050, -41.1630**, and if you desaturate by 10%, it is **121.5120, 3.1690, -29.9110**.

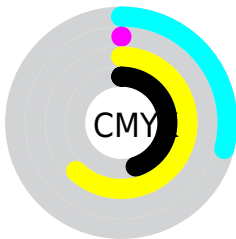
Distribution



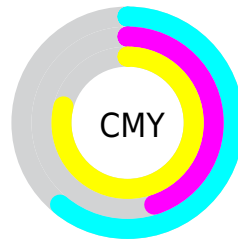
- Red (39%)
- Green (55%)
- Blue (21%)



- Red (21%)
- Yellow (55%)
- Blue (36%)



- Cyan (29%)
- Magenta (0%)
- Yellow (62%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.1220, 4.0870, -35.5370 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 118.1220, 4.0870, -35.5370 by changing the saturation by 10% instead.

■ 118.1220, 4.0870,
-35.5370

■ 118.1220, 4.0870,
-35.5370

■ 255.0000, -0.0000,
-0.0000

■ 92.2360, 3.7660,
-35.2260

■ 171.3670, 4.7750,
-36.9930

■ 67.4810, 4.4540,
-36.6820

■ 199.1390, 5.4170,
-37.6150

■ 46.2170, -3.2500,
-29.2180

■ 227.6120, 5.4630,
-38.4490

■ 25.2410, -11.8250,
-22.4890

■ 241.7090, 12.9800,
-25.9960

■ 12.3270, -5.7750,
-10.9830

■ 249.9840, 14.1240,
-13.6840

■ 0.0000, 0.0000,
0.0000

■ 253.2900, 4.8150,

-4.6650

■ 118.1220, 4.0870,
-35.5370

■ 118.1220, 4.0870,
-35.5370

■ 114.7320, 5.0050,
-41.1630

■ 121.5120, 3.1690,
-29.9110

■ 111.0430, 5.3270,
-47.0010

■ 125.2010, 2.8470,
-24.0730

■ 107.6530, 6.2450,
-52.6270

■ 128.5910, 1.9290,
-18.4470

■ 104.9040, 6.7960,
-57.1080

■ 132.2800, 1.6070,
-12.6090

■ 135.6700, 0.6890,
-6.9830

■ 139.3590, 0.3670,
-1.1450

■ 142.7490, -0.5510,
4.4810

■ 146.4380, -0.8730,
10.3190

■ 149.8280, -1.7910,
15.9450

Harmonies

Analogous

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



123.0680, 39.7100, -25.8420



118.1220, 4.0870, -35.5370



104.0240, -54.4150, -43.5910

Triad

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



118.1220, 4.0870, -35.5370



106.8380, -105.1760, -10.2000



128.1580, 59.4140, 35.5900

Complementary

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



118.1220, 4.0870, -35.5370



74.8780, -4.0870, 35.5370

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.



131.7760, 31.4910, 40.5390



118.1220, 4.0870, -35.5370



116.0580, -75.8360, 8.7400

Square

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



118.1220, 4.0870, -35.5370



107.0540, -97.5170, -22.3570



131.4640, -11.7890, 31.9470



126.2830, 68.5870, 18.0190

Rectangle

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



118.1220, 4.0870, -35.5370



101.0290, -79.1740, -40.9180



131.4640, -11.7890, 31.9470



129.2590, 51.9400, 38.8840

Sweetspot

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



118.1220, 4.0870, -35.5370



172.3400, 1.3780, -13.9660



101.9060, 41.1270, -1.9530



86.6160, 0.7810, -8.6510



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



118.1220, 4.0870, -35.5370



146.9580, 6.7040, -55.4400



105.2650, -21.5410, -44.6530



67.3050, 0.4590, -2.8130



99.5990, 6.3370, -54.2950



3.8320, 0.4130, -1.9790

Inverse Universe

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



74.8780, -4.0870, 35.5370



79.3410, -6.1080, 55.6520



87.7350, 21.5410, 44.6530



63.6950, -0.4590, 2.8130



33.4010, -6.3370, 54.2950



1.1680, -0.4130, 1.9790

Previews

White Background



This preview shows how the YIQ color 118.1220, 4.0870, -35.5370 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 118.1220, 4.0870, -35.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

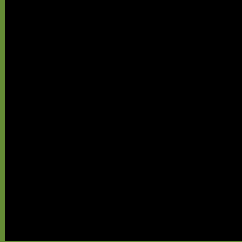
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.1220, 4.0870, -35.5370

Background



This preview shows how black text looks on a background with the YIQ color 118.1220, 4.0870, -35.5370.



This preview shows how white text looks on a background with the YIQ color 118.1220, 4.0870,

-35.5370.

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

118.1220, 4.0870, -35.5370

Protanopia

123.5930, 33.9780, -21.0780

Deuteranopia

125.5820, 41.6790, -11.9610



Tritanopia

126.5730, -14.8550, -0.6070

Trichromacy



Original Color

118.1220, 4.0870, -35.5370

Protanomaly

121.2710, 23.0210, -26.2510

Deuteranomaly

123.1840, 27.8800, -20.6960

Tritanomaly

123.4900, -7.7920, -12.9760

Monochromacy



Original Color

118.1220, 4.0870, -35.5370

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8670, 1.3320, -13.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.1220, 4.0870, -35.5370 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(100, 140, 53)` looks like.

```
.text, #text, p{  
    color:rgb(100, 140, 53)  
}
```

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(100, 140, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 140, 53) }
```

Border

The CSS property to change the border of an element to YIQ 118.1220, 4.0870, -35.5370 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(100, 140, 53) }
```


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

```
.border{ border-color:rgb(100, 140, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 140, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 140, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 140, 53);  
box-shadow:4px 4px 4px 4px rgb(100, 140,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 118.1220, 4.0870, -35.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 140, 53) }
```

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

```
.background{ background-color: rgb(100,  
140, 53) }
```

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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