

Converting Colors

YIQ(118.2140, 0.8320, -37.1200)

Have a look what the booklet for
YIQ(118.2140, 0.8320, -37.1200)
contains.

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Color

**YIQ(118.2140, 0.8320,
-37.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	608E36
RGB	96, 142, 54
RGB Percent	38%, 56%, 21%
CMY	0.6237, 0.4430, 0.7882
CMYK	0.32, 0.00, 0.62, 0.44
HSL	91°, 45%, 38%
HSV	91°, 62%, 56%
XYZ	15.1616, 22.1027, 6.9594
YIQ	118.2140, 0.8320, -37.1200

Conversions

Conversions Part 2

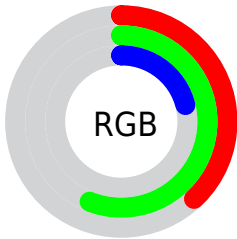
Format	Color
RYB	54, 142, 100
Decimal	6327862
CIELab	54.14, -31.14, 40.96
CIElCh	54, 51.453, 127.246
Yxy	22.1027, 0.3428, 0.4998
Android (android.graphics.Color)	4284517942 (0xFF608E36)
YUV	118.2140, -31.6575, -19.4817
Hunter-Lab	47.0135, -24.7085, 24.1328

Details

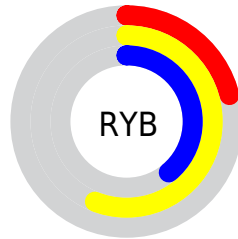
The YIQ color **118.2140, 0.8320, -37.1200** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **77.7860, -0.8320, 37.1200**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4590, 1.5200, -38.5760**, and **66.5730, 1.1990, -38.2650** is the 20% darker color. If you saturate the color by 10%, you get **114.5250, 1.1540, -42.9580**, and if you desaturate by 10%, it is **121.9030, 0.5100, -31.2820**.

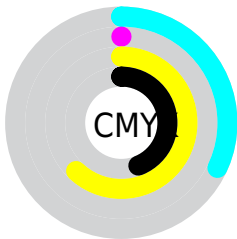
Distribution



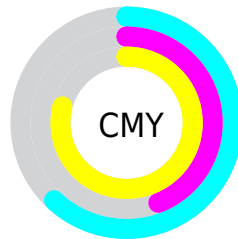
- Red (38%)
- Green (56%)
- Blue (21%)



- Red (21%)
- Yellow (56%)
- Blue (39%)



- Cyan (32%)
- Magenta (0%)
- Yellow (62%)
- Black (44%)




- Cyan (62%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.2140, 0.8320, -37.1200 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 118.2140, 0.8320, -37.1200 by changing the saturation by 10% instead.

 118.2140, 0.8320, -37.1200  118.2140, 0.8320, -37.1200



255.0000, -0.0000, -0.0000  92.3280, 0.5110, -36.8090

 171.4590, 1.5200, -38.5760  66.5730, 1.1990, -38.2650

 199.2310, 2.1620, -39.1980  45.0100, -7.1010, -31.0130

 227.7040, 2.2080, -40.0320  26.4150, -12.3750, -23.5350

 240.7410, 9.9540, -26.2220  13.5010, -6.3250, -12.0290

 250.2120, 13.4820, -13.0620  0.0000, 0.0000, 0.0000

 253.4040, 4.4940,

-4.3540

■ 118.2140, 0.8320,
-37.1200

■ 118.2140, 0.8320,
-37.1200

■ 114.5250, 1.1540,
-42.9580

■ 121.9030, 0.5100,
-31.2820

■ 110.5370, 0.8800,
-49.0080

■ 125.8910, 0.7840,
-25.2320

■ 106.7340, 1.5230,
-55.1570

■ 129.6940, 0.1410,
-19.0830

■ 103.6860, 1.4780,
-59.8500

■ 133.6820, 0.4150,
-13.0330

■ 137.3710, 0.0930,
-7.1950

■ 141.3590, 0.3670,
-1.1450

■ 145.0480, 0.0450,
4.6930

■ 148.8510, -0.5980,
10.8420

■ 152.8390, -0.3240,
16.8920

Harmonies

Analogous

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



123.4160, 38.6100, -27.9340



118.2140, 0.8320, -37.1200



98.0650, -70.8280, -49.0040

Triad

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



118.2140, 0.8320, -37.1200



107.9950, -107.0560, -9.1680



128.1260, 62.4400, 35.8160

Complementary

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



118.2140, 0.8320, -37.1200



77.7860, -0.8320, 37.1200

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.



131.9830, 35.3420, 42.3340



118.2140, 0.8320, -37.1200



118.7920, -72.0310, 11.3690

Square

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



118.2140, 0.8320, -37.1200



108.7980, -99.6720, -21.8480



132.8990, -8.5800, 34.3640



127.1260, 70.4670, 16.9870

Rectangle

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



118.2140, 0.8320, -37.1200



102.7730, -81.3290, -40.4090



132.8990, -8.5800, 34.3640



129.5260, 55.5620, 39.3220

Sweetspot

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



118.2140, 0.8320, -37.1200



174.3290, -0.0890, -14.9130



106.7270, 40.0730, -4.8790



86.3170, 0.1850, -8.8630



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.



118.2140, 0.8320, -37.1200



146.9680, 0.7440, -57.5600



105.7700, -24.5210, -45.7130



69.3050, 0.4590, -2.8130



98.3810, 1.0190, -57.0370



5.8920, 0.1840, -3.3360

Inverse Universe

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



77.7860, -0.8320, 37.1200



84.7330, -1.3400, 57.3480



90.2300, 24.5210, 45.7130



65.9940, 0.1370, 3.0250



36.6190, -1.0190, 57.0370



2.1080, -0.1840, 3.3360

Previews

White Background



This preview shows how the YIQ color 118.2140, 0.8320, -37.1200 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 118.2140, 0.8320, -37.1200 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 118.2140, 0.8320, -37.1200

Background



This preview shows how black text looks on a background with the YIQ color 118.2140, 0.8320, -37.1200.



This preview shows how white text looks on a background with the YIQ color 118.2140, 0.8320,

-37.1200.

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

118.2140, 0.8320, -37.1200

Protanopia

124.4790, 34.2990, -21.3890

Deuteranopia

126.5820, 41.6790, -11.9610



Tritanopia

127.0780, -17.8350, -1.6670

Trichromacy



Original Color

118.2140, 0.8320, -37.1200

Protanomaly

122.4450, 22.4710, -27.2970

Deuteranomaly

123.5860, 26.6880, -21.1200

Tritanomaly

123.5820, -11.0470, -14.5590

Monochromacy



Original Color

118.2140, 0.8320, -37.1200

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2690, 0.1400, -13.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2140, 0.8320, -37.1200 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(96, 142, 54)` looks like.

```
.text, #text, p{  
    color:rgb(96, 142, 54)  
}
```

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(96, 142, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 142, 54) }
```

Border

The CSS property to change the border of an element to YIQ 118.2140, 0.8320, -37.1200 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(96, 142, 54) }
```


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

```
.border{ border-color:rgb(96, 142, 54) }
```

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

Here you see how a box with a 4 pixel rgb(96, 142, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 142, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 142, 54);  
box-shadow:4px 4px 4px 4px rgb(96, 142,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2140, 0.8320, -37.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 142, 54) }
```

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

```
.background{ background-color: rgb(96, 142,  
54) }
```

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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