

Converting Colors

YIQ(118.1340, 12.9810,
-31.5230)

Have a look what the booklet for
YIQ(118.1340, 12.9810, -31.5230)
contains.

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Color

**YIQ(118.1340, 12.9810,
-31.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8732
RGB	111, 135, 50
RGB Percent	44%, 53%, 20%
CMY	0.5648, 0.4705, 0.8038
CMYK	0.18, 0.00, 0.63, 0.47
HSL	77°, 46%, 36%
HSV	77°, 63%, 53%
XYZ	15.7937, 20.9389, 6.2302
YIQ	118.1340, 12.9810, -31.5230

Conversions

Conversions Part 2

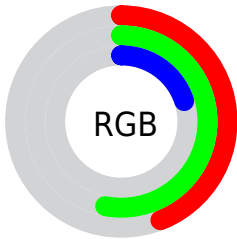
Format	Color
RYB	50, 135, 74
Decimal	7309106
CIELab	52.88, -22.02, 41.69
CIELCh	53, 47.153, 117.842
Yxy	20.9389, 0.3676, 0.4874
Android (android.graphics.Color)	4285499186 (0xFF6F8732)
YUV	118.1340, -33.5901, -6.2565
Hunter-Lab	45.7591, -18.4692, 23.9589

Details

The YIQ color **118.1340, 12.9810, -31.5230** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **66.8660, -12.9810, 31.5230**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.0910, 14.5400, -32.2440**, and **67.8350, 12.3850, -31.7350** is the 20% darker color. If you saturate the color by 10%, you get **115.4560, 14.7700, -36.4140**, and if you desaturate by 10%, it is **120.9260, 10.8710, -26.3210**.

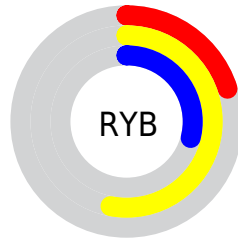
Distribution



Red (44%)

Green (53%)

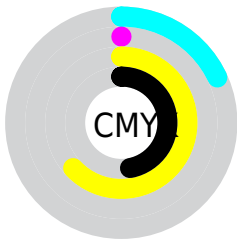
Blue (20%)



Red (20%)

Yellow (53%)

Blue (29%)

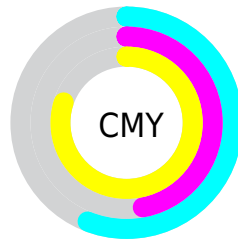


Cyan (18%)

Magenta (0%)

Yellow (63%)

Black (47%)



Cyan (56%)

Magenta (47%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.1340, 12.9810, -31.5230 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 118.1340, 12.9810, -31.5230 by changing the saturation by 10% instead.

■ 118.1340, 12.9810,
-31.5230

■ 118.1340, 12.9810,
-31.5230

■ 255.0000, -0.0000,
-0.0000

■ 92.7210, 12.7060,
-32.0460

■ 171.0910, 14.5400,
-32.2440

■ 67.8350, 12.3850,
-31.7350

■ 198.5640, 14.5860,
-33.0780

■ 47.4570, 5.0020,
-24.5820

■ 227.3360, 15.2280,
-33.7000

■ 26.1710, -5.6360,
-19.0120

■ 244.9550, 21.0950,
-24.3850

■ 10.5660, -4.9500,
-9.4140

■ 249.6420, 15.0870,
-14.6170

■ 0.0000, 0.0000,
0.0000

■ 252.9480, 5.7780,

-5.5980

■ 118.1340, 12.9810,
-31.5230

■ 118.1340, 12.9810,
-31.5230

■ 115.4560, 14.7700,
-36.4140

■ 120.9260, 10.8710,
-26.3210

■ 112.6640, 16.8800,
-41.6160

■ 123.6040, 9.0820,
-21.4300

■ 110.2850, 19.2650,
-46.2950

■ 126.0970, 6.3760,
-16.4400

■ 108.2480, 20.6870,
-50.0410

■ 128.7750, 4.5870,
-11.5490

■ 131.5670, 2.4770,
-6.3470

■ 134.2450, 0.6880,
-1.4560

■ 137.0370, -1.4220,
3.7460

■ 139.7150, -3.2110,
8.6370

■ 142.2080, -5.9170,
13.6270

Harmonies

Analogous

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



121.9100, 43.3310, -19.8770



118.1340, 12.9810, -31.5230



109.6310, -31.0790, -36.9910

Triad

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



118.1340, 12.9810, -31.5230



104.8830, -101.0490, -13.4090



126.9660, 51.2070, 35.6470

Complementary

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



118.1340, 12.9810, -31.5230



66.8660, -12.9810, 31.5230

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.



129.8070, 21.0380, 37.2460



118.1340, 12.9810, -31.5230



102.8760, -99.1710, -3.3870

Square

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



118.1340, 12.9810, -31.5230



104.2840, -92.4730, -25.6650



128.0280, -22.4250, 26.4630



125.0530, 63.5430, 21.3270

Rectangle

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



118.1340, 12.9810, -31.5230



97.4270, -74.5430, -42.2470



128.0280, -22.4250, 26.4630



127.8280, 42.9080, 37.3720

Sweetspot

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



118.1340, 12.9810, -31.5230



169.2480, 4.6330, -12.3830



88.9160, 44.3350, 5.9910



84.9260, 2.8440, -7.4920



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



118.1340, 12.9810, -31.5230



149.3620, 20.3660, -49.7300



105.8750, -11.4550, -40.2150



64.7180, 0.7340, -2.2900



104.1170, 19.6780, -48.2740



2.3590, 0.3670, -1.1450

Inverse Universe

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



66.8660, -12.9810, 31.5230



68.6380, -20.3660, 49.7300



79.1250, 11.4550, 40.2150



61.2820, -0.7340, 2.2900



25.8830, -19.6780, 48.2740



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 118.1340, 12.9810, -31.5230 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 118.1340, 12.9810, -31.5230 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 118.1340, 12.9810, -31.5230

Background



This preview shows how black text looks on a background with the YIQ color 118.1340, 12.9810, -31.5230.



This preview shows how white text looks on a background with the YIQ color 118.1340, 12.9810,

-31.5230.

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

118.1340, 12.9810, -31.5230

Protanopia

121.5930, 33.9780, -21.0780

Deuteranopia

123.3540, 42.3210, -12.5830



Tritanopia

125.6450, -6.1900, 2.0500

Trichromacy



Original Color

118.1340, 12.9810, -31.5230

Protanomaly

120.1790, 26.2760, -24.6680

Deuteranomaly

121.2770, 32.0520, -19.2120

Tritanomaly

122.6760, 0.5520, -10.0080

Monochromacy



Original Color

118.1340, 12.9810, -31.5230

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.7750, 4.5870, -11.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.1340, 12.9810, -31.5230 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(111, 135, 50)` looks like.

```
.text, #text, p{  
    color:rgb(111, 135, 50)  
}
```

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(111, 135, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 135, 50) }
```

Border

The CSS property to change the border of an element to YIQ 118.1340, 12.9810, -31.5230 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(111, 135, 50) }
```


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

```
.border{ border-color:rgb(111, 135, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 135, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 135, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 135, 50); box-shadow:4px 4px 4px 4px rgb(111, 135, 50) }
```

Background

The CSS property to change the background color of an element to YIQ 118.1340, 12.9810, -31.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 135, 50) }
```

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

```
.background{ background-color: rgb(111,  
135, 50) }
```

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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