

Converting Colors

YIQ(118.6030, -52.2120,
-55.9880)

Have a look what the booklet for
YIQ(118.6030, -52.2120, -55.9880)
contains.

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Color

**YIQ(118.6030, -52.2120,
-55.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	22A951
RGB	34, 169, 81
RGB Percent	13%, 66%, 32%
CMY	0.8670, 0.3370, 0.6825
CMYK	0.80, 0.00, 0.52, 0.34
HSL	141°, 67%, 40%
HSV	141°, 80%, 66%
XYZ	16.3389, 29.3290, 12.5775
YIQ	118.6030, -52.2120, -55.9880

Conversions

Conversions Part 2

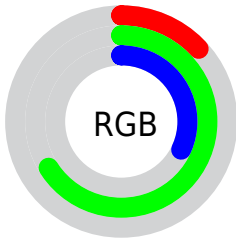
Format	Color
R_{YB}	34, 134, 169
Decimal	2271569
CIE _{Lab}	61.07, -54.19, 35.48
CIE _{LCh}	61, 64.770, 146.788
Yxy	29.3290, 0.2805, 0.5035
Android (android.graphics.Color)	4280461649 (0xFF22A951)
YUV	118.6030, -18.5383, -74.1968
Hunter-Lab	54.1562, -40.9201, 24.1395

Details

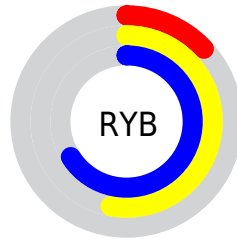
The YIQ color **118.6030, -52.2120, -55.9880** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **84.3970, 52.2120, 55.9880**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6210, -43.4550, -54.9990**, and **71.1530, -41.8970, -50.1930** is the 20% darker color. If you saturate the color by 10%, you get **112.2660, -58.8130, -63.0130**, and if you desaturate by 10%, it is **124.9400, -45.6110, -48.9630**.

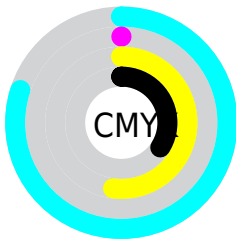
Distribution



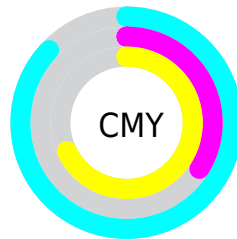
- Red (13%)
- Green (66%)
- Blue (32%)



- Red (13%)
- Yellow (53%)
- Blue (66%)



- Cyan (80%)
- Magenta (0%)
- Yellow (52%)
- Black (34%)





- Cyan (87%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.6030, -52.2120, -55.9880 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 118.6030, -52.2120, -55.9880 by changing the saturation by 10% instead.


 118.6030,
-52.2120, -55.9880


 118.6030,
-52.2120, -55.9880

 255.0000, -0.0000,
-0.0000


 89.7380, -57.0260,
-56.8500


 177.6210,
-43.4550, -54.9990


 71.1530, -41.8970,
-50.1930


 207.2790,
-42.4920, -55.9320


 53.4000, -26.3550,
-45.5150


 219.3270,
-33.2790, -41.1750

 38.1550, -17.8750,
-33.9950

 231.1900,
-24.9830, -26.3190

 25.2410, -11.8250,
-22.4890

 243.4660,
-16.4120, -10.9400

 4.1090, -1.9250,
-3.6610

 253.8040, -2.3840,

 0.0000, 0.0000,

-0.8480

0.0000

■ 118.6030,
-52.2120, -55.9880

■ 118.6030,
-52.2120, -55.9880

■ 112.2660,
-58.8130, -63.0130

■ 124.9400,
-45.6110, -48.9630

■ 105.9290,
-65.4140, -70.0380

■ 131.2770,
-39.0100, -41.9380

■ 137.6140,
-32.4090, -34.9130

■ 143.9510,
-25.8080, -27.8880

■ 149.9890,
-19.8030, -21.0750

■ 156.3260,
-13.2020, -14.0500

■ 162.6630, -6.6010,
-7.0250

■ 169.0000, -0.0000,
-0.0000

■ 175.3370, 6.6010,
7.0250

Harmonies

Analogous

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



134.1280, 21.1450, -47.3270



118.6030, -52.2120, -55.9880



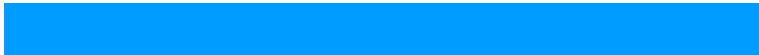
117.9840, -92.4690, -47.7730

Triad

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



118.6030, -52.2120, -55.9880



120.6420, -124.7550, -2.2830



142.3770, 89.3540, 32.6340

Complementary

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



118.6030, -52.2120, -55.9880



84.3970, 52.2120, 55.9880

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.



144.4560, 70.9190, 52.8630



118.6030, -52.2120, -55.9880



148.1100, -36.9150, 35.7650

Square

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



118.6030, -52.2120, -55.9880



126.9050, -124.4780, -12.8140



150.8270, 27.4540, 53.1340



142.8170, 83.8580, 0.0660

Rectangle

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



118.6030, -52.2120, -55.9880



122.5440, -105.3090, -35.3330



150.8270, 27.4540, 53.1340



142.2060, 85.8220, 41.5820

Sweetspot

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



118.6030, -52.2120, -55.9880



199.5760, -20.0780, -21.5980



140.1550, 16.5150, -51.5250



98.0380, -12.3310, -13.3150



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



118.6030, -52.2120, -55.9880



140.5920, -81.1830, -87.1270



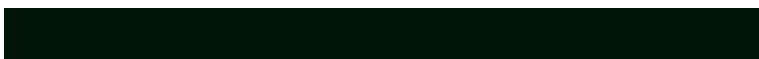
126.1270, -73.3980, -35.4620



81.0380, -3.1630, -3.2510



92.6900, -57.0710, -61.5430



12.5380, -7.7470, -8.2830

Inverse Universe

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



84.3970, 52.2120, 55.9880



87.4080, 81.1830, 87.1270



76.8730, 73.3980, 35.4620



78.9620, 3.1630, 3.2510



55.1960, 57.3920, 61.2320



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 118.6030, -52.2120, -55.9880 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 118.6030, -52.2120, -55.9880 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 118.6030, -52.2120, -55.9880 Background



This preview shows how black text looks on a background with the YIQ color 118.6030, -52.2120, -55.9880.



This preview shows how white text looks on a background with the YIQ color 118.6030, -52.2120, -55.9880.

-55.9880.

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

118.6030, -52.2120, -55.9880

Protanopia

142.4620, 32.9690, -19.3110

Deuteranopia

145.2490, 38.4230, -8.0170



Tritanopia

134.4690, -56.0250, -14.4010

Trichromacy



Original Color

118.6030, -52.2120, -55.9880

Protanomaly

133.4470, 1.7940, -32.5260

Deuteranomaly

135.8160, 5.3690, -25.7270

Tritanomaly

128.8690, -54.8760, -29.7240

Monochromacy



Original Color

118.6030, -52.2120, -55.9880

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7010, -18.9320, -20.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.6030, -52.2120, -55.9880 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(34, 169, 81)` looks like.

```
.text, #text, p{  
    color:rgb(34, 169, 81)  
}
```

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(34, 169, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 169, 81) }
```

Border

The CSS property to change the border of an element to YIQ 118.6030, -52.2120, -55.9880 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(34, 169, 81) }
```


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

```
.border{ border-color:rgb(34, 169, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 169, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 169, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 169, 81);  
box-shadow:4px 4px 4px 4px rgb(34, 169,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 118.6030, -52.2120, -55.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 169, 81) }
```

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

```
.background{ background-color: rgb(34, 169,  
81) }
```

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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