

Converting Colors

YIQ(118.0270, 20.5920,
-31.7920)

Have a look what the booklet for
YIQ(118.0270, 20.5920, -31.7920)
contains.

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Color

**YIQ(118.0270, 20.5920,
-31.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	768529
RGB	118, 133, 41
RGB Percent	46%, 52%, 16%
CMY	0.5373, 0.4784, 0.8391
CMYK	0.11, 0.00, 0.69, 0.48
HSL	70°, 53%, 34%
HSV	70°, 69%, 52%
XYZ	16.2573, 20.7870, 5.2568
YIQ	118.0270, 20.5920, -31.7920

Conversions

Conversions Part 2

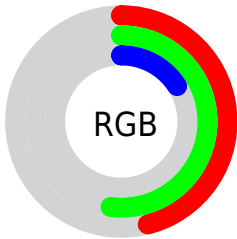
Format	Color
RYB	41, 133, 56
Decimal	7767337
CIELab	52.72, -18.64, 45.65
CIELCh	53, 49.308, 112.210
Yxy	20.7870, 0.3843, 0.4914
Android (android.graphics.Color)	4285957417 (0xFF768529)
YUV	118.0270, -37.9743, -0.0237
Hunter-Lab	45.5927, -16.1385, 25.0788

Details

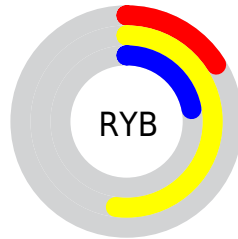
The YIQ color **118.0270, 20.5920, -31.7920** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **55.9730, -20.5920, 31.7920**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.0980, 21.8300, -32.2020**, and **69.0420, 16.2360, -29.9400** is the 20% darker color. If you saturate the color by 10%, you get **115.9470, 23.5730, -36.2590**, and if you desaturate by 10%, it is **120.1070, 17.6110, -27.3250**.

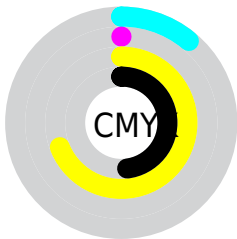
Distribution



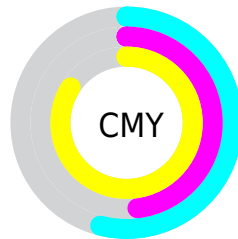
- Red (46%)
- Green (52%)
- Blue (16%)



- Red (16%)
- Yellow (52%)
- Blue (22%)



- Cyan (11%)
- Magenta (0%)
- Yellow (69%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0270, 20.5920, -31.7920 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 118.0270, 20.5920, -31.7920 by changing the saturation by 10% instead.

■ 118.0270, 20.5920,
-31.7920

■ 118.0270, 20.5920,
-31.7920

■ 255.0000, -0.0000,
-0.0000

■ 92.2720, 21.2800,
-33.2480

■ 171.0980, 21.8300,
-32.2020

■ 69.0420, 16.2360,
-29.9400

■ 199.1690, 23.0680,
-32.6120

■ 47.7780, 8.5320,
-22.4760

■ 226.9410, 23.7100,
-33.2340

■ 27.6770, -1.1890,
-17.0050

■ 245.5380, 26.6430,
-25.8130

■ 9.9790, -4.6750,
-8.8910

■ 248.7300, 17.6550,
-17.1050

■ 0.0000, 0.0000,
0.0000

■ 251.9220, 8.6670,

-8.3970

■ 118.0270, 20.5920,
-31.7920

■ 118.0270, 20.5920,
-31.7920

■ 115.9470, 23.5730,
-36.2590

■ 120.1070, 17.6110,
-27.3250

■ 113.7530, 26.8750,
-41.0370

■ 122.3010, 14.3090,
-22.5470

■ 111.3740, 29.2600,
-45.7160

■ 124.3810, 11.3280,
-18.0800

■ 111.2600, 29.5810,
-46.0270

■ 126.7600, 8.9430,
-13.4010

■ 128.9540, 5.6410,
-8.6230

■ 131.0340, 2.6600,
-4.1560

■ 133.1140, -0.3210,
0.3110

■ 135.1940, -3.3020,
4.7780

■ 137.6870, -6.0080,
9.7680

Harmonies

Analogous

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



121.7860, 49.6120, -18.0680



118.0270, 20.5920, -31.7920



110.8830, -23.1010, -38.4050

Triad

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



118.0270, 20.5920, -31.7920



105.8290, -100.9570, -15.0770



126.4050, 48.5930, 38.9690

Complementary

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



118.0270, 20.5920, -31.7920



55.9730, -20.5920, 31.7920

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.



129.5120, 14.6190, 37.9390



118.0270, 20.5920, -31.7920



102.5980, -104.2600, -4.7720

Square

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



118.0270, 20.5920, -31.7920



103.6000, -90.5470, -27.5310



125.4010, -33.8410, 24.1030



124.4710, 65.4220, 25.8220

Rectangle

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



118.0270, 20.5920, -31.7920



96.2870, -71.3330, -45.3570



125.4010, -33.8410, 24.1030



127.6690, 39.1020, 40.2700

Sweetspot

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



118.0270, 20.5920, -31.7920



167.1020, 7.9800, -12.4680



76.7260, 50.9820, 12.1820



83.2960, 4.6780, -7.6900



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



118.0270, 20.5920, -31.7920



149.7070, 32.5160, -49.6600



104.5720, -6.2280, -41.3320



65.0170, 1.3300, -2.0780



108.9010, 29.2140, -44.8820



2.3590, 0.3670, -1.1450

Inverse Universe

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



55.9730, -20.5920, 31.7920



52.5920, -31.9200, 49.8720



69.4280, 6.2280, 41.3320



60.9830, -1.3300, 2.0780



21.0990, -29.2140, 44.8820



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 118.0270, 20.5920, -31.7920 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 118.0270, 20.5920, -31.7920 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 118.0270, 20.5920, -31.7920

Background



This preview shows how black text looks on a background with the YIQ color 118.0270, 20.5920, -31.7920.



This preview shows how white text looks on a background with the YIQ color 118.0270, 20.5920,

-31.7920.

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

118.0270, 20.5920, -31.7920

Protanopia

120.5670, 36.8670, -23.8770

Deuteranopia

122.0400, 46.0810, -14.6470



Tritanopia

126.0370, -1.4220, 3.7460

Trichromacy



Original Color

118.0270, 20.5920, -31.7920

Protanomaly

120.0500, 30.9530, -26.8310

Deuteranomaly

120.5610, 37.0040, -20.8520

Tritanomaly

123.0250, 6.8790, -9.0330

Monochromacy



Original Color

118.0270, 20.5920, -31.7920

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.7430, 7.6130, -11.3230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0270, 20.5920, -31.7920 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(118, 133, 41)` looks like.

```
.text, #text, p{  
    color:rgb(118, 133, 41)  
}
```

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(118, 133, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 133, 41) }
```

Border

The CSS property to change the border of an element to YIQ 118.0270, 20.5920, -31.7920 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(118, 133, 41) }
```


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

```
.border{ border-color:rgb(118, 133, 41) }
```

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

Here you see how a box with a 4 pixel rgb(118, 133, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 133, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 133, 41);  
box-shadow:4px 4px 4px 4px rgb(118, 133,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0270, 20.5920, -31.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 133, 41) }
```

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

```
.background{ background-color: rgb(118,  
133, 41) }
```

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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