

Converting Colors

YIQ(108.1530, 11.9700,
-18.7020)

Have a look what the booklet for
YIQ(108.1530, 11.9700, -18.7020)
contains.

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Color

**YIQ(108.1530, 11.9700,
-18.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	6C753F
RGB	108, 117, 63
RGB Percent	42%, 46%, 25%
CMY	0.5765, 0.5412, 0.7528
CMYK	0.08, 0.00, 0.46, 0.54
HSL	70°, 30%, 35%
HSV	70°, 46%, 46%
XYZ	13.4422, 16.2698, 7.1379
YIQ	108.1530, 11.9700, -18.7020

Conversions

Conversions Part 2

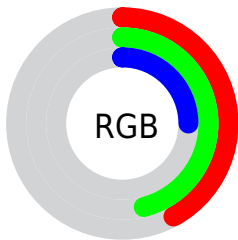
Format	Color
RYB	63, 117, 72
Decimal	7107903
CIELab	47.33, -12.46, 28.54
CIElCh	47, 31.140, 113.577
Yxy	16.2698, 0.3648, 0.4415
Android (android.graphics.Color)	4285297983 (0xFF6C753F)
YUV	108.1530, -22.2604, -0.1342
Hunter-Lab	40.3359, -11.1015, 17.7431

Details

The YIQ color $108.1530, 11.9700, -18.7020$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $71.8470, -11.9700, 18.7020$, and the grayscale version is $108.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $159.8110, 12.9330, -19.6350$, and $60.0820, 10.7320, -18.2920$ is the 20% darker color. If you saturate the color by 10%, you get $106.1870, 14.6300, -22.8580$, and if you desaturate by 10%, it is $110.1190, 9.3100, -14.5460$.

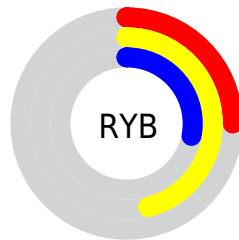
Distribution



Red (42%)

Green (46%)

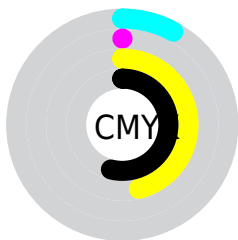
Blue (25%)



Red (25%)

Yellow (46%)

Blue (28%)

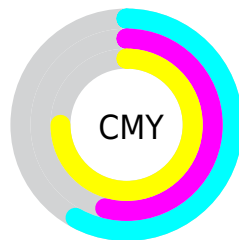


Cyan (8%)

Magenta (0%)

Yellow (46%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.1530, 11.9700, -18.7020 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 108.1530, 11.9700, -18.7020 by changing the saturation by 10% instead.

108.1530, 11.9700,
-18.7020

108.1530, 11.9700,
-18.7020

255.0000, -0.0000,
-0.0000

83.3810, 11.3280,
-18.0800

159.8110, 12.9330,
-19.6350

60.0820, 10.7320,
-18.2920

186.9960, 13.8500,
-19.7340

38.6520, 9.1270,
-16.7370

214.7680, 14.4920,
-20.3560

18.5400, -2.0610,
-12.2130

243.5400, 15.1340,
-20.9780

0.0000, 0.0000,
0.0000

250.8960, 11.5560,
-11.1960

254.2020, 2.2470,

-2.1770

■ 108.1530, 11.9700,
-18.7020

■ 108.1530, 11.9700,
-18.7020

■ 106.1870, 14.6300,
-22.8580

■ 110.1190, 9.3100,
-14.5460

■ 104.3350, 16.9690,
-26.7030

■ 111.9710, 6.9710,
-10.7010

■ 102.3690, 19.6290,
-30.8590

■ 113.9370, 4.3110,
-6.5450

■ 100.4030, 22.2890,
-35.0150

■ 115.9030, 1.6510,
-2.3890

■ 98.5510, 24.6280,
-38.8600

■ 117.8690, -1.0090,
1.7670

■ 97.6820, 25.6370,
-40.6270

■ 119.7210, -3.3480,
5.6120

■ 121.6870, -6.0080,
9.7680

■ 123.6530, -8.6680,
13.9240

■ 125.5050,
-11.0070, 17.7690

Harmonies

Analogous

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



110.8890, 30.6290, -9.9390



108.1530, 11.9700, -18.7020



104.3440, -13.6130, -23.1250

Triad

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



108.1530, 11.9700, -18.7020



89.7570, -83.2590, -16.4350



115.1110, 31.2650, 22.6010

Complementary

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



108.1530, 11.9700, -18.7020



71.8470, -11.9700, 18.7020

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.



115.8020, 10.2660, 23.2100



108.1530, 11.9700, -18.7020



105.3150, -49.0590, 2.5330

Square

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



108.1530, 11.9700, -18.7020



89.0100, -77.0220, -24.8460



113.3300, -17.8840, 15.7480



113.9300, 41.7200, 14.8400

Rectangle

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



108.1530, 11.9700, -18.7020



100.2800, -33.9240, -23.9720



113.3300, -17.8840, 15.7480



115.2290, 25.1210, 23.8170

Sweetspot

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



108.1530, 11.9700, -18.7020



149.4100, 4.3570, -7.3790



84.4290, 29.7090, 6.7410



74.5070, 2.7060, -4.9900



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



108.1530, 11.9700, -18.7020



139.2380, 18.6200, -29.0920



100.0800, -4.1220, -24.4260



58.0170, 1.3300, -2.0780



102.1120, 27.2420, -42.1820



208.9420, 55.2180, -86.6540

Inverse Universe

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



71.8470, -11.9700, 18.7020



82.7620, -18.6200, 29.0920



79.9200, 4.1220, 24.4260



53.9830, -1.3300, 2.0780



19.8880, -27.2420, 42.1820



41.0580, -55.2180, 86.6540

Previews

White Background



This preview shows how the YIQ color 108.1530, 11.9700, -18.7020 looks on a white background.

Color Contrast Check

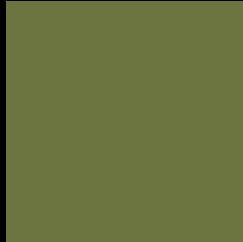
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 108.1530, 11.9700, -18.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

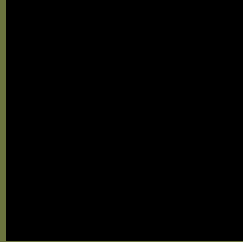
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.1530, 11.9700, -18.7020

Background



This preview shows how black text looks on a background with the YIQ color 108.1530, 11.9700, -18.7020.



This preview shows how white text looks on a background with the YIQ color 108.1530, 11.9700,

-18.7020.

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

108.1530, 11.9700, -18.7020

Protanopia

109.4750, 22.9270, -13.5290

Deuteranopia

110.8830, 30.7660, -6.9140



Tritanopia

113.1080, -0.1840, 3.3360

Trichromacy



Original Color

108.1530, 11.9700, -18.7020

Protanomaly

109.2680, 19.0760, -15.3240

Deuteranomaly

110.1270, 24.0270, -11.4370

Tritanomaly

111.1050, 3.8980, -4.5660

Monochromacy



Original Color

108.1530, 11.9700, -18.7020

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.9370, 4.3110, -6.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.1530, 11.9700, -18.7020 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(108, 117, 63)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 63)  
}
```

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(108, 117, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 63) }
```

Border

The CSS property to change the border of an element to YIQ 108.1530, 11.9700, -18.7020 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(108, 117, 63) }
```


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

```
.border{ border-color:rgb(108, 117, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 117, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 117, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 117, 63);  
box-shadow:4px 4px 4px 4px rgb(108, 117,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 108.1530, 11.9700, -18.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 63) }
```

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

```
.background{ background-color: rgb(108,  
117, 63) }
```

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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