

Converting Colors

YIQ(120.9680, 11.0530,
-18.6030)

Have a look what the booklet for
YIQ(120.9680, 11.0530, -18.6030)
contains.

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Color

**YIQ(120.9680, 11.0530,
-18.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	78824D
RGB	120, 130, 77
RGB Percent	47%, 51%, 30%
CMY	0.5295, 0.4902, 0.6979
CMYK	0.08, 0.00, 0.41, 0.49
HSL	71°, 26%, 41%
HSV	71°, 41%, 51%
XYZ	17.0672, 20.4945, 10.0815
YIQ	120.9680, 11.0530, -18.6030

Conversions

Conversions Part 2

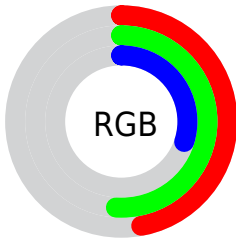
Format	Color
RYB	77, 130, 87
Decimal	7897677
CIELab	52.39, -12.71, 27.44
CIELCh	52, 30.237, 114.853
Yxy	20.4945, 0.3582, 0.4302
Android (android.graphics.Color)	4286087757 (0xFF78824D)
YUV	120.9680, -21.6762, -0.8489
Hunter-Lab	45.2709, -11.9291, 18.4862

Details

The YIQ color **120.9680, 11.0530, -18.6030** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **86.0320, -11.0530, 18.6030**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6260, 12.0160, -19.5360**, and **72.0110, 9.4940, -17.8820** is the 20% darker color. If you saturate the color by 10%, you get **118.8880, 14.0340, -23.0700**, and if you desaturate by 10%, it is **123.0480, 8.0720, -14.1360**.

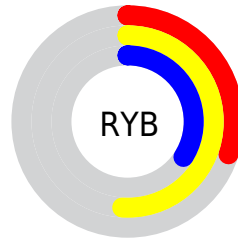
Distribution



Red (47%)

Green (51%)

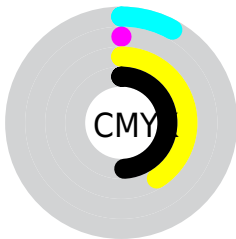
Blue (30%)



Red (30%)

Yellow (51%)

Blue (34%)

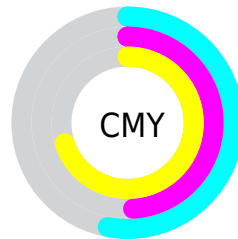


Cyan (8%)

Magenta (0%)

Yellow (41%)

Black (49%)



Cyan (53%)

Magenta (49%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.9680, 11.0530, -18.6030 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 120.9680, 11.0530, -18.6030 by changing the saturation by 10% instead.

120.9680, 11.0530,
-18.6030

120.9680, 11.0530,
-18.6030

255.0000, -0.0000,
-0.0000

96.1960, 10.4110,
-17.9810

173.6260, 12.0160,
-19.5360

72.0110, 9.4940,
-17.8820

201.3980, 12.6580,
-20.1580

49.0110, 9.4940,
-17.8820

229.2840, 12.9790,
-20.4690

28.6070, 5.0000,
-13.5280

249.6420, 15.0870,
-14.6170

8.8050, -4.1250,
-7.8450

252.8340, 6.0990,
-5.9090

0.0000, 0.0000,
0.0000

■ 120.9680, 11.0530,
-18.6030

■ 120.9680, 11.0530,
-18.6030

■ 118.8880, 14.0340,
-23.0700

■ 123.0480, 8.0720,
-14.1360

■ 116.5090, 16.4190,
-27.7490

■ 125.4270, 5.6870,
-9.4570

■ 114.4290, 19.4000,
-32.2160

■ 127.5070, 2.7060,
-4.9900

■ 112.0500, 21.7850,
-36.8950

■ 129.8860, 0.3210,
-0.3110

■ 109.9700, 24.7660,
-41.3620

■ 131.9660, -2.6600,
4.1560

■ 107.7050, 26.8300,
-45.7300

■ 134.3450, -5.0450,
8.8350

■ 136.4250, -8.0260,
13.3020

■ 138.8040,

-10.4110, 17.9810

■ 140.8840,
-13.3920, 22.4480

Harmonies

Analogous

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



123.5900, 30.0330, -10.1510



120.9680, 11.0530, -18.6030



117.4580, -13.9340, -22.8140

Triad

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



120.9680, 11.0530, -18.6030



107.5520, -72.2560, -12.0960



127.9970, 31.5860, 22.2900

Complementary

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



120.9680, 11.0530, -18.6030



86.0320, -11.0530, 18.6030

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.



128.5740, 10.9080, 22.5880



120.9680, 11.0530, -18.6030



119.4080, -44.8870, 4.0170

Square

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



120.9680, 11.0530, -18.6030



102.7220, -76.1510, -24.1110



126.5260, -15.5000, 16.5960



126.5170, 41.4450, 14.3170

Rectangle

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



120.9680, 11.0530, -18.6030



113.6930, -33.6490, -23.4490



126.5260, -15.5000, 16.5960



128.0010, 25.7630, 23.1950

Sweetspot

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



120.9680, 11.0530, -18.6030



164.5240, 4.0360, -7.0680



98.7170, 28.8380, 6.0060



82.0340, 2.6600, -4.1560



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



120.9680, 11.0530, -18.6030



154.1670, 17.3820, -28.6820



113.1940, -4.4430, -24.1150



62.9030, 1.6510, -2.3890



105.9330, 26.1880, -45.1080



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.0320, -11.0530, 18.6030



99.8330, -17.3820, 28.6820



93.8060, 4.4430, 24.1150



58.3960, -1.0550, 2.6010



21.7680, -26.7840, 44.8960



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 120.9680, 11.0530, -18.6030 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 120.9680, 11.0530, -18.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

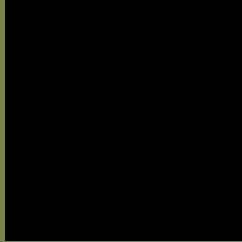
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.9680, 11.0530, -18.6030

Background



This preview shows how black text looks on a background with the YIQ color 120.9680, 11.0530, -18.6030.



This preview shows how white text looks on a background with the YIQ color 120.9680, 11.0530,

-18.6030.

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

120.9680, 11.0530, -18.6030

Protanopia

122.8880, 23.2020, -13.0060

Deuteranopia

124.0080, 31.9120, -5.6560



Tritanopia

125.3360, -0.8260, 3.9580

Trichromacy



Original Color

120.9680, 11.0530, -18.6030

Protanomaly

122.3820, 18.7550, -15.0130

Deuteranomaly

122.9530, 24.5770, -10.3910

Tritanomaly

123.9200, 2.9810, -4.4670

Monochromacy



Original Color

120.9680, 11.0530, -18.6030

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9370, 4.3110, -6.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9680, 11.0530, -18.6030 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(120, 130, 77)` looks like.

```
.text, #text, p{  
    color:rgb(120, 130, 77)  
}
```

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(120, 130, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 130, 77) }
```

Border

The CSS property to change the border of an element to YIQ 120.9680, 11.0530, -18.6030 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(120, 130, 77) }
```


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

```
.border{ border-color:rgb(120, 130, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 130, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 130, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 130, 77);  
box-shadow:4px 4px 4px 4px rgb(120, 130,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9680, 11.0530, -18.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 130, 77) }
```

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

```
.background{ background-color: rgb(120,  
130, 77) }
```

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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