

Converting Colors

YIQ(119.7710, 27.6050,
-21.2190)

Have a look what the booklet for
YIQ(119.7710, 27.6050, -21.2190)
contains.

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Color

**YIQ(119.7710, 27.6050,
-21.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	857E35
RGB	133, 126, 53
RGB Percent	52%, 49%, 21%
CMY	0.4785, 0.5059, 0.7920
CMYK	0.00, 0.05, 0.60, 0.48
HSL	55°, 43%, 36%
HSV	55°, 60%, 52%
XYZ	17.7757, 20.1643, 6.3285
YIQ	119.7710, 27.6050, -21.2190

Conversions

Conversions Part 2

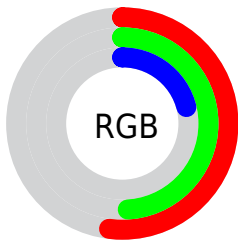
Format	Color
RYB	61, 133, 53
Decimal	8748597
CIELab	52.02, -7.27, 39.81
CIElCh	52, 40.466, 100.344
Yxy	20.1643, 0.4015, 0.4555
Android (android.graphics.Color)	4286938677 (0xFF857E35)
YUV	119.7710, -32.9181, 11.6018
Hunter-Lab	44.9047, -7.9230, 23.0774

Details

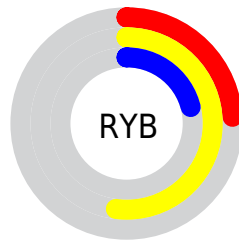
The YIQ color **119.7710, 27.6050, -21.2190** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **66.2290, -27.6050, 21.2190**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.4400, 30.0350, -21.2050**, and **69.5320, 26.7800, -22.7880** is the 20% darker color. If you saturate the color by 10%, you get **117.7020, 32.0530, -24.7390**, and if you desaturate by 10%, it is **121.8400, 23.1570, -17.6990**.

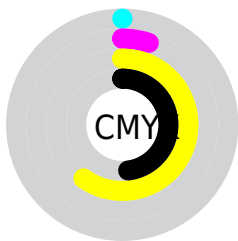
Distribution



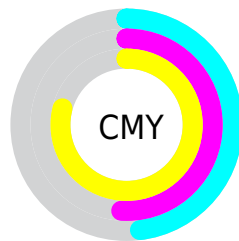
- Red (52%)
- Green (49%)
- Blue (21%)



- Red (24%)
- Yellow (52%)
- Blue (21%)



- Cyan (0%)
- Magenta (5%)
- Yellow (60%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7710, 27.6050, -21.2190 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 119.7710, 27.6050, -21.2190 by changing the saturation by 10% instead.

■ 119.7710, 27.6050,
-21.2190

■ 119.7710, 27.6050,
-21.2190

■ 255.0000, -0.0000,
-0.0000

■ 94.5860, 26.6880,
-21.1200

■ 172.4400, 30.0350,
-21.2050

■ 69.5320, 26.7800,
-22.7880

■ 200.3970, 31.5940,
-21.9260

■ 49.3280, 18.8470,
-16.6810

■ 228.5820, 32.5110,
-22.0250

■ 29.5260, 9.7220,
-10.9980

■ 246.6780, 23.4330,
-22.7030

■ 7.6310, -3.5750,
-6.7990

■ 249.8700, 14.4450,
-13.9950

■ 0.0000, 0.0000,
0.0000

■ 253.1760, 5.1360,

-4.9760

■ 119.7710, 27.6050,
-21.2190

■ 119.7710, 27.6050,
-21.2190

■ 117.7020, 32.0530,
-24.7390

■ 121.8400, 23.1570,
-17.6990

■ 115.5190, 36.8220,
-28.5700

■ 124.0230, 18.3880,
-13.8680

■ 113.4500, 41.2700,
-32.0900

■ 126.0920, 13.9400,
-10.3480

■ 110.7940, 45.9930,
-35.0870

■ 128.7480, 9.2170,
-7.3510

■ 130.9310, 4.4480,
-3.5200

■ 133.0000, 0.0000,
0.0000

■ 135.0690, -4.4480,
3.5200

■ 137.1380, -8.8960,
7.0400

■ 139.3210,
-13.6650, 10.8710

Harmonies

Analogous

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



122.2670, 47.1800, -7.0280



119.7710, 27.6050, -21.2190



115.5160, -2.6540, -29.0060

Triad

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



119.7710, 27.6050, -21.2190



101.3320, -92.4280, -20.9720



127.0220, 30.4380, 32.0860

Complementary

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



119.7710, 27.6050, -21.2190



66.2290, -27.6050, 21.2190

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.



127.2060, -2.4350, 27.6210



119.7710, 27.6050, -21.2190



100.2040, -97.5190, -11.3030

Square

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



119.7710, 27.6050, -21.2190



98.7440, -82.3850, -32.2810



120.6890, -43.8800, 13.3040



125.1580, 50.2460, 25.5260

Rectangle

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



119.7710, 27.6050, -21.2190



110.7610, -28.3290, -31.7610



120.6890, -43.8800, 13.3040



127.9330, 20.4430, 31.5070

Sweetspot

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



119.7710, 27.6050, -21.2190



168.2920, 10.5010, -8.5950



77.8320, 45.1120, 19.4480



83.6600, 6.6490, -4.8630



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.



119.7710, 27.6050, -21.2190



152.4070, 42.8290, -32.8110



114.3120, 6.6080, -31.6640



65.3160, 1.9260, -1.8660



108.7230, 44.7550, -34.6770



2.0710, 1.2380, -0.4100

Inverse Universe

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



66.2290, -27.6050, 21.2190



69.0060, -42.5540, 33.3340



71.6880, -6.6080, 31.6640



60.6840, -1.9260, 1.8660



21.2770, -44.7550, 34.6770



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 119.7710, 27.6050, -21.2190 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 119.7710, 27.6050, -21.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

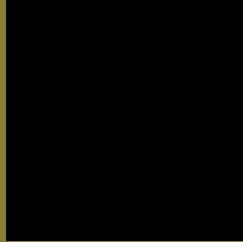
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.7710, 27.6050, -21.2190

Background



This preview shows how black text looks on a background with the YIQ color 119.7710, 27.6050, -21.2190.



This preview shows how white text looks on a background with the YIQ color 119.7710, 27.6050,

-21.2190.

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

119.7710, 27.6050, -21.2190

Protanopia

120.0920, 31.1350, -19.1130

Deuteranopia

121.5820, 41.6790, -11.9610



Tritanopia

125.6040, 10.2230, 7.4630

Trichromacy



Original Color

119.7710, 27.6050, -21.2190

Protanomaly

120.0810, 29.6680, -20.0600

Deuteranomaly

120.8370, 36.4070, -15.5370

Tritanomaly

123.3900, 16.2770, -3.1390

Monochromacy



Original Color

119.7710, 27.6050, -21.2190

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9330, 10.1340, -7.4500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7710, 27.6050, -21.2190 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(133, 126, 53)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 53)  
}
```

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(133, 126, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 53) }
```

Border

The CSS property to change the border of an element to YIQ 119.7710, 27.6050, -21.2190 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(133, 126, 53) }
```


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

```
.border{ border-color:rgb(133, 126, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 126, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 53);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7710, 27.6050, -21.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 126, 53) }
```

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

```
.background{ background-color: rgb(133,  
126, 53) }
```

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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