

Converting Colors

YIQ(119.1300, 19.9450, -3.5350)

Have a look what the booklet for
YIQ(119.1300, 19.9450, -3.5350)
contains.

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Color

**YIQ(119.1300, 19.9450,
-3.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	88745B
RGB	136, 116, 91
RGB Percent	53%, 45%, 36%
CMY	0.4666, 0.5451, 0.6430
CMYK	0.00, 0.15, 0.33, 0.47
HSL	33°, 20%, 45%
HSV	33°, 33%, 53%
XYZ	18.2885, 18.4795, 12.5062
YIQ	119.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

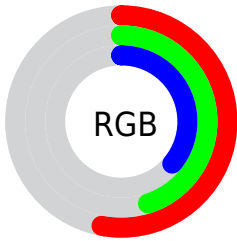
Format	Color
R_{YB}	127, 136, 91
Decimal	8942683
CIE _{Lab}	50.07, 3.86, 16.70
CIE _{LCh}	50, 17.140, 76.978
Yxy	18.4795, 0.3712, 0.3750
Android (android.graphics.Color)	4287132763 (0xFF88745B)
YUV	119.1300, -13.8681, 14.7950
Hunter-Lab	42.9878, 0.7114, 12.8426

Details

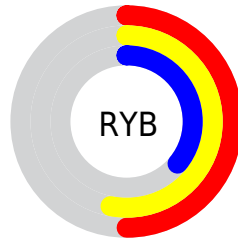
The YIQ color **119.1300, 19.9450, -3.5350** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.8700, -19.9450, 3.5350**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5000, 21.7790, -3.7330**, and **70.4610, 17.5150, -3.5490** is the 20% darker color. If you saturate the color by 10%, you get **114.0120, 26.0890, -4.7510**, and if you desaturate by 10%, it is **124.2480, 13.8010, -2.3190**.

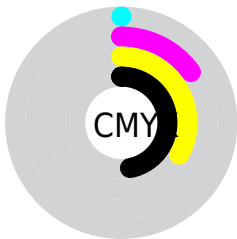
Distribution



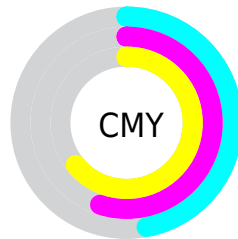
- Red (53%)
- Green (45%)
- Blue (36%)



- Red (50%)
- Yellow (53%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (47%)





- Cyan (47%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.1300, 19.9450, -3.5350 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 119.1300, 19.9450, -3.5350 by changing the saturation by 10% instead.


 119.1300, 19.9450,
-3.5350


 119.1300, 19.9450,
-3.5350


255.0000, -0.0000,
-0.0000


 93.9450, 19.0280,
-3.4360


 171.5000, 21.7790,
-3.7330


 70.4610, 17.5150,
-3.5490


 198.7990, 22.3750,
-3.5210

 47.9770, 16.0020,
-3.6620

 226.9840, 23.2920,
-3.6200

 26.6350, 16.9650,
-4.5950

 249.5910, 11.0970,
-8.3830

 2.9900, 5.9600,
2.1200

254.6580, 0.9630,
-0.9330

 0.0000, 0.0000,
0.0000

■ 119.1300, 19.9450,
-3.5350

■ 119.1300, 19.9450,
-3.5350

■ 114.0120, 26.0890,
-4.7510

■ 124.2480, 13.8010,
-2.3190

■ 109.0080, 31.9120,
-5.6560

■ 129.2520, 7.9780,
-1.4140

■ 103.8900, 38.0560,
-6.8720

■ 134.3700, 1.8340,
-0.1980

■ 98.8860, 43.8790,
-7.7770

■ 139.3740, -3.9890,
0.7070

■ 93.7680, 50.0230,
-8.9930

■ 144.4920,
-10.1330, 1.9230

■ 88.6500, 56.1670,
-10.2090

■ 149.6100,
-16.2770, 3.1390

■ 84.6890, 60.4310,
-10.3930

■ 154.6140,
-22.1000, 4.0440

■ 159.7320,

-28.2440, 5.2600

■ 164.7360,
-34.0670, 6.1650

Harmonies

Analogous

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



120.5700, 24.7580, 2.8540



119.1300, 19.9450, -3.5350



117.5800, 9.6300, -9.3300

Triad

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



119.1300, 19.9450, -3.5350



112.6480, -28.6080, -10.1760



121.6450, 2.9780, 12.1140

Complementary

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



119.1300, 19.9450, -3.5350



107.8700, -19.9450, 3.5350

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.



119.8110, -12.2890, 7.9590



119.1300, 19.9450, -3.5350



113.8420, -31.9100, -5.3980

Square

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



119.1300, 19.9450, -3.5350



113.9280, -17.8330, -12.7210



116.4780, -24.7130, 1.8390



121.4030, 15.4030, 12.7070

Rectangle

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



119.1300, 19.9450, -3.5350



116.6220, 0.6440, -11.6760



116.4780, -24.7130, 1.8390



120.7800, -1.8360, 11.2520

Sweetspot

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



119.1300, 19.9450, -3.5350



169.2520, 7.9780, -1.4140



106.7350, 20.4000, 15.7600



84.9250, 4.5850, -0.4950



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



119.1300, 19.9450, -3.5350



149.8230, 30.9950, -5.5570



130.2720, 13.2530, -14.4190



66.4410, 3.0720, -0.6080



83.2050, 58.9180, -10.5060



3.2560, 2.1550, -0.5090

Inverse Universe

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



107.8700, -19.9450, 3.5350



132.1770, -30.9950, 5.5570



96.7280, -13.2530, 14.4190



64.5590, -3.0720, 0.6080



49.7950, -58.9180, 10.5060



1.7440, -2.1550, 0.5090

Previews

White Background



This preview shows how the YIQ color 119.1300, 19.9450, -3.5350 looks on a white background.

Color Contrast Check

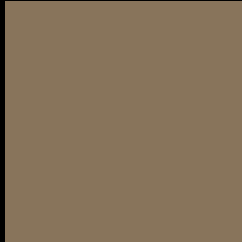
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.1300, 19.9450, -3.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

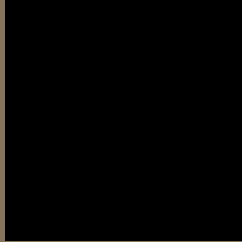
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.1300, 19.9450, -3.5350

Background



This preview shows how black text looks on a background with the YIQ color 119.1300, 19.9450, -3.5350.



This preview shows how white text looks on a background with the YIQ color 119.1300, 19.9450,

-3.5350.

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

119.1300, 19.9450, -3.5350

Protanopia

118.3140, 13.4350, -6.7010

Deuteranopia

119.1520, 22.8790, -1.6410



Tritanopia

121.0990, 13.2030, 8.5230

Trichromacy



Original Color

119.1300, 19.9450, -3.5350

Protanomaly

118.6240, 15.4980, -5.5420

Deuteranomaly

119.4400, 22.0080, -2.3760

Tritanomaly

120.1330, 15.8630, 4.3670

Monochromacy



Original Color

119.1300, 19.9450, -3.5350

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0670, 7.0610, -1.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.1300, 19.9450, -3.5350 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(136, 116, 91)` looks like.

```
.text, #text, p{  
    color:rgb(136, 116, 91)  
}
```

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(136, 116, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 116, 91) }
```

Border

The CSS property to change the border of an element to YIQ 119.1300, 19.9450, -3.5350 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(136, 116, 91) }
```


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

```
.border{ border-color:rgb(136, 116, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 116, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 116, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 116, 91);  
box-shadow:4px 4px 4px 4px rgb(136, 116,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 119.1300, 19.9450, -3.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 116, 91) }
```

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

```
.background{ background-color: rgb(136,  
116, 91) }
```

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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