

Converting Colors

YIQ(119.7380, 15.1770, -5.2310)

Have a look what the booklet for
YIQ(119.7380, 15.1770, -5.2310)
contains.

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Color

**YIQ(119.7380, 15.1770,
-5.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	83775E
RGB	131, 119, 94
RGB Percent	51%, 47%, 37%
CMY	0.4863, 0.5333, 0.6313
CMYK	0.00, 0.09, 0.28, 0.49
HSL	41°, 16%, 44%
HSV	41°, 28%, 51%
XYZ	17.9781, 18.8265, 13.2808
YIQ	119.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

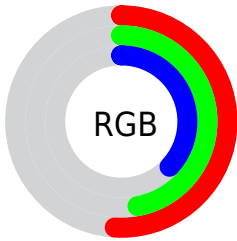
Format	Color
R_{YB}	112, 131, 94
Decimal	8615774
CIE Lab	50.48, 0.45, 15.44
CIE LCh	50, 15.447, 88.338
Yxy	18.8265, 0.3589, 0.3759
Android (android.graphics.Color)	4286805854 (0xFF83775E)
YUV	119.7380, -12.6888, 9.8768
Hunter-Lab	43.3895, -1.9717, 12.2250

Details

The YIQ color **119.7380, 15.1770, -5.2310** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.2620, -15.1770, 5.2310**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.8090, 16.4150, -5.6410**, and **71.3680, 13.3430, -5.0330** is the 20% darker color. If you saturate the color by 10%, you get **115.9080, 20.4500, -7.1820**, and if you desaturate by 10%, it is **123.5680, 9.9040, -3.2800**.

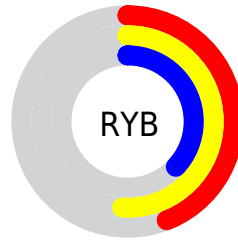
Distribution



Red (51%)

Green (47%)

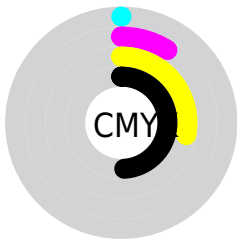
Blue (37%)



Red (44%)

Yellow (51%)

Blue (37%)

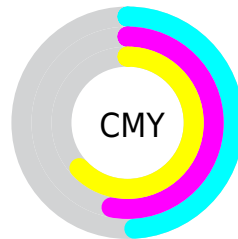


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (49%)



Cyan (49%)


Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.7380, 15.1770, -5.2310 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 119.7380, 15.1770, -5.2310 by changing the saturation by 10% instead.


 119.7380, 15.1770,
-5.2310


 119.7380, 15.1770,
-5.2310


255.0000, -0.0000,
-0.0000


 94.8520, 14.8560,
-4.9200


 171.9230, 16.0940,
-5.3300


 71.3680, 13.3430,
-5.0330


 199.1080, 17.0110,
-5.4290

 48.2970, 12.1050,
-4.6230

 227.2930, 17.9280,
-5.5280

 27.3140, 13.4350,
-6.7010

 251.6940, 9.3090,
-9.0190

 1.7830, 2.1090,
0.3250

 0.0000, 0.0000,
0.0000

■ 119.7380, 15.1770,
-5.2310

■ 119.7380, 15.1770,
-5.2310

■ 115.9080, 20.4500,
-7.1820

■ 123.5680, 9.9040,
-3.2800

■ 111.4910, 25.9980,
-8.6100

■ 127.9850, 4.3560,
-1.8520

■ 107.6610, 31.2710,
-10.5610

■ 131.8150, -0.9170,
0.0990

■ 103.8310, 36.5440,
-12.5120

■ 135.6450, -6.1900,
2.0500

■ 100.0010, 41.8170,
-14.4630

■ 139.5890,
-11.7840, 4.3120

■ 95.4700, 47.6860,
-16.2020

■ 144.0060,
-17.3320, 5.7400

■ 91.6400, 52.9590,
-18.1530

■ 147.8360,
-22.6050, 7.6910

■ 90.8250, 53.8760,

■ 151.6660,

-18.2520

-27.8780, 9.6420

■ 155.4960,
-33.1510, 11.5930

Harmonies

Analogous

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



121.1350, 21.5490, 0.4370



119.7380, 15.1770, -5.2310



118.2420, 4.7700, -9.3580

Triad

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



119.7380, 15.1770, -5.2310



114.7130, -27.2330, -7.5610



122.5700, 7.5630, 11.6190

Complementary

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



119.7380, 15.1770, -5.2310



105.2620, -15.1770, 5.2310

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.



121.4590, -5.3660, 9.1460



119.7380, 15.1770, -5.2310



116.1740, -26.9130, -2.3450

Square

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



119.7380, 15.1770, -5.2310



115.3130, -20.3550, -11.0670



119.3540, -18.4320, 3.6480



122.6050, 17.6500, 10.5300

Rectangle

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



119.7380, 15.1770, -5.2310



116.9960, -3.3450, -10.9690



119.3540, -18.4320, 3.6480



122.1180, 3.0240, 11.2800

Sweetspot

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



119.7380, 15.1770, -5.2310



166.4690, 5.8690, -1.7390



106.4310, 18.2000, 11.5760



84.2130, 3.7140, -1.2300



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.



119.7380, 15.1770, -5.2310



153.2350, 23.8430, -8.1010



124.9880, 8.3010, -12.7790



64.1420, 2.4760, -0.8200



90.5260, 53.2800, -18.4640



2.0710, 1.2380, -0.4100

Inverse Universe

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



105.2620, -15.1770, 5.2310



130.7650, -23.8430, 8.1010



100.0120, -8.3010, 12.7790



61.8580, -2.4760, 0.8200



39.4740, -53.2800, 18.4640



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 119.7380, 15.1770, -5.2310 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 119.7380, 15.1770, -5.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

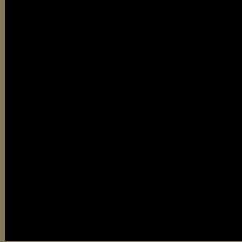
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.7380, 15.1770, -5.2310

Background



This preview shows how black text looks on a background with the YIQ color 119.7380, 15.1770, -5.2310.



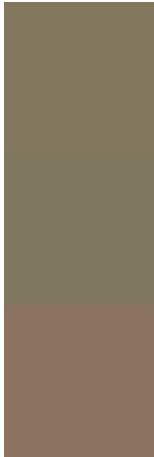
This preview shows how white text looks on a background with the YIQ color 119.7380, 15.1770,

-5.2310.

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

119.7380, 15.1770, -5.2310

Protanopia

119.4280, 13.1140, -6.3900

Deuteranopia

120.1950, 21.3200, -0.9200



Tritanopia

122.0060, 9.0310, 7.0390

Trichromacy



Original Color

119.7380, 15.1770, -5.2310

Protanomaly

119.7270, 13.7100, -6.1780

Deuteranomaly

119.8850, 19.2570, -2.0790

Tritanomaly

121.0400, 11.6910, 2.8830

Monochromacy



Original Color

119.7380, 15.1770, -5.2310

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1700, 5.2730, -1.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7380, 15.1770, -5.2310 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(131, 119, 94)` looks like.

```
.text, #text, p{  
    color:rgb(131, 119, 94)  
}
```

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(131, 119, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 119, 94) }
```

Border

The CSS property to change the border of an element to YIQ 119.7380, 15.1770, -5.2310 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(131, 119, 94) }
```


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

```
.border{ border-color:rgb(131, 119, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 119, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 119, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 119, 94); box-shadow:4px 4px 4px 4px rgb(131, 119, 94) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7380, 15.1770, -5.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 119, 94) }
```

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

```
.background{ background-color: rgb(131,  
119, 94) }
```

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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