

Converting Colors

YIQ(123.5110, 6.0510, 5.9790)

Have a look what the booklet for
YIQ(123.5110, 6.0510, 5.9790)
contains.

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Color

**YIQ(123.5110, 6.0510,
5.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	85767F
RGB	133, 118, 127
RGB Percent	52%, 46%, 50%
CMY	0.4784, 0.5373, 0.5019
CMYK	0.00, 0.11, 0.05, 0.48
HSL	324°, 6%, 49%
HSV	324°, 11%, 52%
XYZ	19.9833, 19.4752, 22.7860
YIQ	123.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

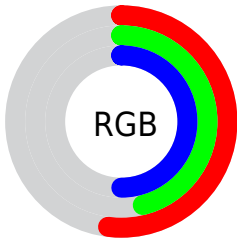
Format	Color
R_{YB}	133, 118, 127
Decimal	8746623
CIE Lab	51.24, 7.49, -2.81
CIE LCh	51, 8.001, 339.424
Yxy	19.4752, 0.3210, 0.3129
Android (android.graphics.Color)	4286936703 (0xFF85767F)
YUV	123.5110, 1.7201, 8.3219
Hunter-Lab	44.1307, 3.5996, 0.2783

Details

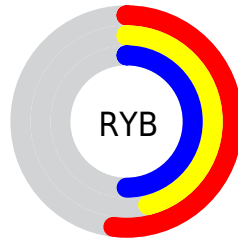
The YIQ color $123.5110, 6.0510, 5.9790$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $127.4890, -6.0510, -5.9790$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.9240, 6.3260, 6.5020$, and $74.7990, 5.1800, 5.2440$ is the 20% darker color. If you saturate the color by 10%, you get $115.3100, 11.2310, 11.2230$, and if you desaturate by 10%, it is $131.7120, 0.8710, 0.7350$.

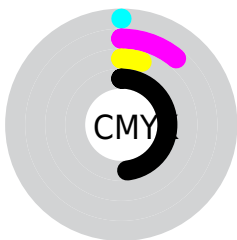
Distribution



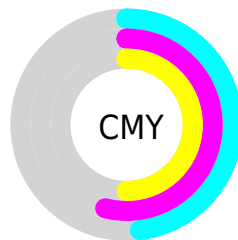
- Red (52%)
- Green (46%)
- Blue (50%)



- Red (52%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.5110, 6.0510, 5.9790 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 123.5110, 6.0510, 5.9790 by changing the saturation by 10% instead.

■ 123.5110, 6.0510,
5.9790

■ 123.5110, 6.0510,
5.9790

255.0000, -0.0000,
-0.0000

■ 98.5110, 6.0510,
5.9790

■ 175.9240, 6.3260,
6.5020

■ 74.7990, 5.1800,
5.2440

■ 203.2230, 6.9220,
6.7140

■ 51.7990, 5.1800,
5.2440

■ 231.2230, 6.9220,
6.7140

■ 30.5000, 4.5840,
5.0320

254.4130, 0.2750,
0.5230

■ 7.0490, 7.4720,
7.7600

■ 0.0000, 0.0000,
0.0000

■ 123.5110, 6.0510,
5.9790

■ 123.5110, 6.0510,
5.9790

■ 115.3100, 11.2310,
11.2230

■ 131.7120, 0.8710,
0.7350

■ 106.4080, 17.0070,
16.6790

■ 140.6140, -4.9050,
-4.7210

■ 98.2070, 22.1870,
21.9230

■ 148.8150,
-10.0850, -9.9650

■ 90.0060, 27.3670,
27.1670

■ 157.0160,
-15.2650, -15.2090

■ 81.1040, 33.1430,
32.6230

■ 165.9180,
-21.0410, -20.6650

■ 72.9030, 38.3230,
37.8670

■ 174.1190,
-26.2210, -25.9090

■ 64.7020, 43.5030,
43.1110

■ 182.3200,
-31.4010, -31.1530

■ 56.3870, 49.0040,

■ 190.6350,

48.0440

-36.9020, -36.0860

■ 48.8870, 53.5880,
53.0760

■ 199.4230,
-42.3570, -41.8530

Harmonies

Analogous

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



123.2760, -0.5970, 5.3150



123.5110, 6.0510, 5.9790



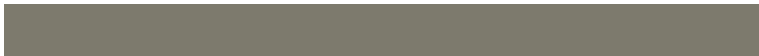
123.3220, 10.9570, 5.1730

Triad

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



123.5110, 6.0510, 5.9790



121.4150, 5.9610, -3.4070



120.1770, -13.8000, -3.2080

Complementary

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



123.5110, 6.0510, 5.9790



127.4890, -6.0510, -5.9790

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.



119.7920, -11.2780, -4.8620



123.5110, 6.0510, 5.9790



120.7240, 0.5970, -5.3150

Square

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



123.5110, 6.0510, 5.9790



122.3340, 10.6830, -0.8770



120.1900, -6.6470, -6.1910



121.0680, -11.8750, 0.4530

Rectangle

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



123.5110, 6.0510, 5.9790



123.4530, 11.9660, 3.4060



120.1900, -6.6470, -6.1910



119.9490, -13.1580, -3.8300

Sweetspot

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



123.5110, 6.0510, 5.9790



169.8370, 2.0170, 1.9930



121.5040, -1.2390, 5.9370



84.4240, 1.7420, 1.4700



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.



123.5110, 6.0510, 5.9790



157.8860, 9.4890, 9.7530



122.5990, 8.6190, 3.4910



62.2500, 2.2920, 2.5160



47.7620, 52.4420, 51.8180



1.1250, 1.1460, 1.2580

Inverse Universe

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



123.5110, 6.0510, 5.9790



157.8860, 9.4890, 9.7530



128.4010, -8.6190, -3.4910



62.2500, 2.2920, 2.5160



47.7620, 52.4420, 51.8180



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 123.5110, 6.0510, 5.9790 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 123.5110, 6.0510, 5.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

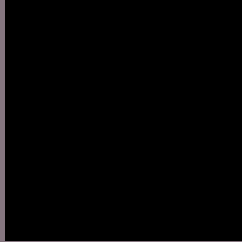
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.5110, 6.0510, 5.9790

Background



This preview shows how black text looks on a background with the YIQ color 123.5110, 6.0510, 5.9790.



This preview shows how white text looks on a background with the YIQ color 123.5110, 6.0510,

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

123.5110, 6.0510, 5.9790

Protanopia

122.2110, -1.9720, 2.7000

Deuteranopia

123.2120, 5.4550, 5.7670



Tritanopia

123.5110, 6.0510, 5.9790

Trichromacy



Original Color

123.5110, 6.0510, 5.9790

Protanomaly

122.7060, 1.0080, 3.7600

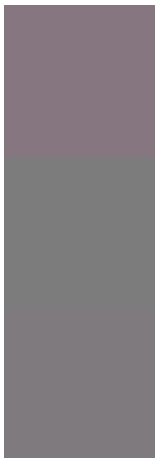
Deuteranomaly

123.2120, 5.4550, 5.7670

Tritanomaly

123.5110, 6.0510, 5.9790

Monochromacy



Original Color

123.5110, 6.0510, 5.9790

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8370, 2.0170, 1.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5110, 6.0510, 5.9790 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, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(133, 118, 127)  
}
```

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, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 118, 127) }
```

Border

The CSS property to change the border of an element to YIQ 123.5110, 6.0510, 5.9790 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, 118, 127) }
```


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

```
.border{ border-color:rgb(133, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 118, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 118, 127);  
box-shadow:4px 4px 4px 4px rgb(133, 118,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 123.5110, 6.0510, 5.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 118, 127) }
```

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

```
.background{ background-color: rgb(133,  
118, 127) }
```

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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