

Converting Colors

YIQ(119.3850, -2.5220, 1.6540)

Have a look what the booklet for
YIQ(119.3850, -2.5220, 1.6540)
contains.

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Color

**YIQ(119.3850, -2.5220,
1.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	76777D
RGB	118, 119, 125
RGB Percent	46%, 47%, 49%
CMY	0.5372, 0.5333, 0.5098
CMYK	0.06, 0.05, 0.00, 0.51
HSL	231°, 3%, 48%
HSV	231°, 6%, 49%
XYZ	17.7696, 18.5259, 22.0401
YIQ	119.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

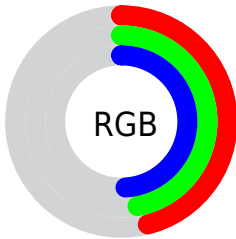
Format	Color
R_{YB}	118, 119, 125
Decimal	7763837
CIE Lab	50.13, 0.87, -3.42
CIE LCh	50, 3.525, 284.244
Yxy	18.5259, 0.3046, 0.3176
Android (android.graphics.Color)	4285953917 (0xFF76777D)
YUV	119.3850, 2.7682, -1.2146
Hunter-Lab	43.0417, -1.6302, -0.2310

Details

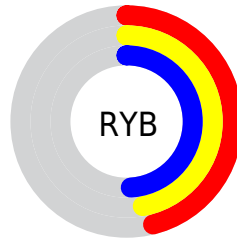
The YIQ color **119.3850, -2.5220, 1.6540** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.6150, 2.5220, -1.6540**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4990, -2.8430, 1.9650**, and **71.2710, -2.2010, 1.3430** is the 20% darker color. If you saturate the color by 10%, you get **109.3400, -6.6490, 4.8630**, and if you desaturate by 10%, it is **129.7290, 2.2010, -1.3430**.

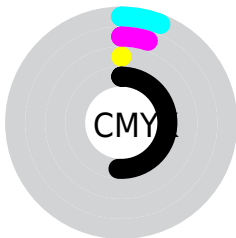
Distribution



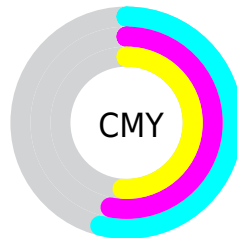
- Red (46%)
- Green (47%)
- Blue (49%)



- Red (46%)
- Yellow (47%)
- Blue (49%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3850, -2.5220, 1.6540 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 119.3850, -2.5220, 1.6540 by changing the saturation by 10% instead.

■ 119.3850, -2.5220,
1.6540

■ 119.3850, -2.5220,
1.6540

■ 255.0000, -0.0000,
-0.0000

■ 94.3850, -2.5220,
1.6540

■ 171.4990, -2.8430,
1.9650

■ 71.2710, -2.2010,
1.3430

■ 198.4990, -2.8430,
1.9650

■ 48.3850, -2.5220,
1.6540

■ 226.4990, -2.8430,
1.9650

■ 28.1570, -1.8800,
1.0320

■ 254.7010, -0.5960,
-0.2120

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 119.3850, -2.5220,
1.6540

■ 119.3850, -2.5220,
1.6540

■ 109.3400, -6.6490,
4.8630

■ 129.7290, 2.2010,
-1.3430

■ 99.5830, -11.6470,
7.3370

■ 139.1870, 6.6030,
-4.0290

■ 89.5380, -15.7740,
10.5460

■ 149.5310, 11.3260,
-7.0260

■ 79.1940, -20.4970,
13.5430

■ 159.5760, 15.4530,
-10.2350

■ 69.1490, -24.6240,
16.7520

■ 169.6210, 19.5800,
-13.4440

■ 59.3920, -29.6220,
19.2260

■ 179.3780, 24.5780,
-15.9180

■ 49.3470, -33.7490,
22.4350

■ 189.4230, 28.7050,
-19.1270

■ 39.0030, -38.4720,

■ 199.7670, 33.4280,

25.4320

-22.1240

■ 29.5450, -42.8740,
28.1180

■ 209.2250, 37.8300,
-24.8100

Harmonies

Analogous

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



119.0750, -4.5850, 0.4950



119.3850, -2.5220, 1.6540



119.8800, 0.4580, 2.7140

Triad

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



119.3850, -2.5220, 1.6540



120.0500, 5.7310, 0.7630



118.5650, -3.2090, -2.4170

Complementary

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



119.3850, -2.5220, 1.6540



123.6150, 2.5220, -1.6540

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.



118.5330, -0.1830, -2.1910



119.3850, -2.5220, 1.6540



119.6260, 3.9890, -0.7070

Square

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



119.3850, -2.5220, 1.6540



119.8050, 5.0430, 2.2190



118.6150, 2.5220, -1.6540



118.3090, -5.3640, -1.9080

Rectangle

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



119.3850, -2.5220, 1.6540



120.2500, 2.2920, 2.5160



118.6150, 2.5220, -1.6540



118.7500, -2.2920, -2.5160

Sweetspot

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



119.3850, -2.5220, 1.6540



160.3420, -0.9630, 0.9330



122.7930, -3.8510, -1.7950



80.2280, -0.6420, 0.6220



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



119.3850, -2.5220, 1.6540



153.8410, -3.8060, 2.8980



119.3960, -1.0550, 2.6010



59.5700, -1.6050, 1.5550



25.1580, -46.0380, 30.3940



0.0000, 0.0000, 0.0000

Inverse Universe

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



120.2070, 3.8510, 1.7950



155.4030, 6.2350, 2.6430



123.6040, 1.0550, -2.6010



60.4950, 2.9800, 1.0600



40.3240, 70.5100, 32.7340



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 119.3850, -2.5220, 1.6540 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 119.3850, -2.5220, 1.6540 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

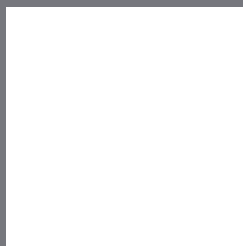
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.3850, -2.5220, 1.6540

Background



This preview shows how black text looks on a background with the YIQ color 119.3850, -2.5220, 1.6540.



This preview shows how white text looks on a background with the YIQ color 119.3850, -2.5220,

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

119.3850, -2.5220, 1.6540

Protanopia

119.3960, -1.0550, 2.6010

Deuteranopia

120.7280, 3.9420, 5.6540



Tritanopia

119.7270, -3.4850, 2.5870

Trichromacy



Original Color

119.3850, -2.5220, 1.6540

Protanomaly

119.0970, -1.6510, 2.3890

Deuteranomaly

120.1190, 1.2830, 4.2830

Tritanomaly

119.6130, -3.1640, 2.2760

Monochromacy



Original Color

119.3850, -2.5220, 1.6540

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3850, -2.5220, 1.6540 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(118, 119, 125)` looks like.

```
.text, #text, p{  
    color:rgb(118, 119, 125)  
}
```

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(118, 119, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 119, 125) }
```

Border

The CSS property to change the border of an element to YIQ 119.3850, -2.5220, 1.6540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

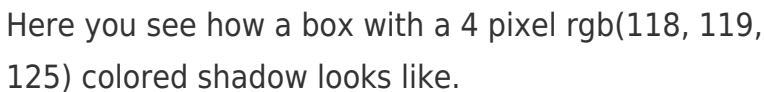
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 119, 125) }
```


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

```
.border{ border-color:rgb(118, 119, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 119, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 119, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 119, 125); box-shadow:4px 4px 4px 4px rgb(118, 119, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3850, -2.5220, 1.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 119, 125) }
```

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

```
.background{ background-color: rgb(118,  
119, 125) }
```

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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