

Converting Colors

YIQ(118.3080, 13.5720, -3.6760)

Have a look what the booklet for
YIQ(118.3080, 13.5720, -3.6760)
contains.

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Color

**YIQ(118.3080, 13.5720,
-3.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	817561
RGB	129, 117, 97
RGB Percent	51%, 46%, 38%
CMY	0.4941, 0.5412, 0.6195
CMYK	0.00, 0.09, 0.25, 0.49
HSL	37°, 14%, 44%
HSV	37°, 25%, 51%
XYZ	17.5731, 18.2522, 13.9104
YIQ	118.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

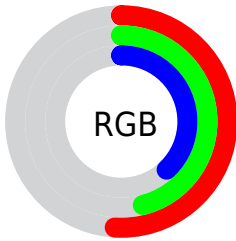
Format	Color
R_{YB}	116, 129, 97
Decimal	8484193
CIE Lab	49.80, 1.22, 12.72
CIE LCh	50, 12.778, 84.520
Yxy	18.2522, 0.3533, 0.3670
Android (android.graphics.Color)	4286674273 (0xFF817561)
YUV	118.3080, -10.5048, 9.3769
Hunter-Lab	42.7226, -1.3423, 10.6011

Details

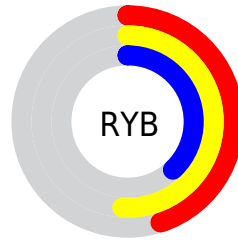
The YIQ color **118.3080, 13.5720, -3.6760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.6920, -13.5720, 3.6760**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.4930, 14.4890, -3.7750**, and **69.9380, 11.7380, -3.4780** is the 20% darker color. If you saturate the color by 10%, you get **113.8910, 19.1200, -5.1040**, and if you desaturate by 10%, it is **122.7250, 8.0240, -2.2480**.

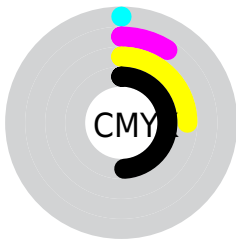
Distribution



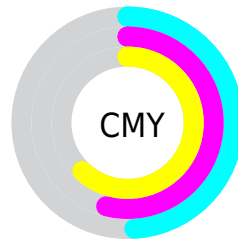
- Red (51%)
- Green (46%)
- Blue (38%)



- Red (45%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3080, 13.5720, -3.6760 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 118.3080, 13.5720, -3.6760 by changing the saturation by 10% instead.

■ 118.3080, 13.5720,
-3.6760

■ 118.3080, 13.5720,
-3.6760

■ 255.0000, -0.0000,
-0.0000

■ 93.4220, 13.2510,
-3.3650

■ 170.4930, 14.4890,
-3.7750

■ 69.9380, 11.7380,
-3.4780

■ 197.6780, 15.4060,
-3.8740

■ 47.6390, 11.1420,
-3.6900

■ 225.6780, 15.4060,
-3.8740

■ 26.2970, 12.1050,
-4.6230

■ 250.9760, 8.5750,
-6.7290

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 118.3080, 13.5720,
-3.6760

■ 118.3080, 13.5720,
-3.6760

■ 113.8910, 19.1200,
-5.1040

■ 122.7250, 8.0240,
-2.2480

■ 109.4740, 24.6680,
-6.5320

■ 127.1420, 2.4760,
-0.8200

■ 105.0570, 30.2160,
-7.9600

■ 131.5590, -3.0720,
0.6080

■ 101.2270, 35.4890,
-9.9110

■ 135.3890, -8.3450,
2.5590

■ 96.9240, 40.7160,
-11.0280

■ 139.8060,
-13.8930, 3.9870

■ 92.5070, 46.2640,
-12.4560

■ 144.1090,
-19.1200, 5.1040

■ 88.0900, 51.8120,
-13.8840

■ 148.5260,
-24.6680, 6.5320

■ 86.1180, 54.6090,

■ 152.9430,

-15.0150

-30.2160, 7.9600

■ 157.3600,
-35.7640, 9.3880

Harmonies

Analogous

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



119.6940, 18.4770, 1.0450



118.3080, 13.5720, -3.6760



116.7090, 4.9530, -7.1670

Triad

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



118.3080, 13.5720, -3.6760



114.7630, -21.5020, -6.7980



120.4340, 4.9500, 9.4140

Complementary

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



118.3080, 13.5720, -3.6760



107.6920, -13.5720, 3.6760

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.



119.1060, -5.8700, 7.2660



118.3080, 13.5720, -3.6760



115.5120, -22.0530, -2.3170

Square

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



118.3080, 13.5720, -3.6760



115.0040, -14.9910, -9.1590



117.4960, -15.9560, 2.8280



120.5120, 13.4780, 9.0460

Rectangle

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



118.3080, 13.5720, -3.6760



115.9470, -1.6490, -8.6650



117.4960, -15.9560, 2.8280



120.1670, 1.3280, 8.9760

Sweetspot

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



118.3080, 13.5720, -3.6760



164.3980, 4.6310, -1.3290



107.9360, 15.2200, 10.5160



82.0280, 2.7970, -1.1310



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



118.3080, 13.5720, -3.6760



151.1470, 21.2750, -5.6130



124.1560, 7.8880, -10.8000



61.4410, 3.0720, -0.6080



85.2320, 54.2880, -14.7040



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.6920, -13.5720, 3.6760



134.8530, -21.2750, 5.6130



101.8440, -7.8880, 10.8000



59.5590, -3.0720, 0.6080



42.7680, -54.2880, 14.7040



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.3080, 13.5720, -3.6760 looks on a white 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

Black Background



This preview shows how the YIQ color 118.3080, 13.5720, -3.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

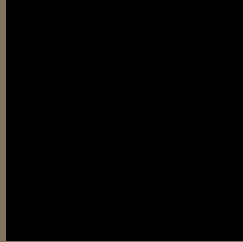
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.3080, 13.5720, -3.6760

Background



This preview shows how black text looks on a background with the YIQ color 118.3080, 13.5720, -3.6760.



This preview shows how white text looks on a background with the YIQ color 118.3080, 13.5720,

-3.6760.

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

118.3080, 13.5720, -3.6760

Protanopia

117.8130, 10.5920, -4.7360

Deuteranopia

119.0530, 18.8440, -0.1000



Tritanopia

119.7070, 8.4350, 6.8270

Trichromacy



Original Color

118.3080, 13.5720, -3.6760

Protanomaly

118.1120, 11.1880, -4.5240

Deuteranomaly

118.7430, 16.7810, -1.2590

Tritanomaly

118.9690, 10.4530, 3.2930

Monochromacy



Original Color

118.3080, 13.5720, -3.6760

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2840, 4.9520, -1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3080, 13.5720, -3.6760 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(129, 117, 97)` looks like.

```
.text, #text, p{  
    color:rgb(129, 117, 97)  
}
```

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(129, 117, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 117, 97) }
```

Border

The CSS property to change the border of an element to YIQ 118.3080, 13.5720, -3.6760 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(129, 117, 97) }
```


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

```
.border{ border-color:rgb(129, 117, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 117, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 117, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 117, 97);  
box-shadow:4px 4px 4px 4px rgb(129, 117,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3080, 13.5720, -3.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 117, 97) }
```

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

```
.background{ background-color: rgb(129,  
117, 97) }
```

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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