

Converting Colors

YIQ(113.8080, -17.3750,
-10.0070)

Have a look what the booklet for
YIQ(113.8080, -17.3750, -10.0070)
contains.

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Color

**YIQ(113.8080, -17.3750,
-10.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7D74
RGB	91, 125, 116
RGB Percent	36%, 49%, 45%
CMY	0.6432, 0.5097, 0.5452
CMYK	0.27, 0.00, 0.07, 0.51
HSL	164°, 16%, 42%
HSV	164°, 27%, 49%
XYZ	14.7991, 18.1545, 19.2423
YIQ	113.8080, -17.3750, -10.0070

Conversions

Conversions Part 2

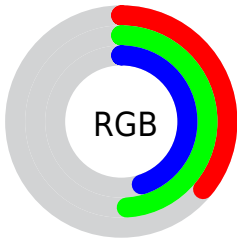
Format	Color
R_{YB}	91, 111, 125
Decimal	5995892
CIE _{Lab}	49.68, -14.13, 1.01
CIE _{LCh}	50, 14.162, 175.906
Yxy	18.1545, 0.2835, 0.3478
Android (android.graphics.Color)	4284185972 (0xFF5B7D74)
YUV	113.8080, 1.0807, -20.0026
Hunter-Lab	42.6080, -12.5655, 3.0495

Details

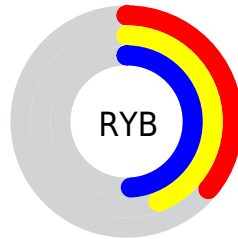
The YIQ color **113.8080, -17.3750, -10.0070** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **102.1920, 17.3750, 10.0070**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0960, -18.2460, -10.7420**, and **65.5200, -16.5040, -9.2720** is the 20% darker color. If you saturate the color by 10%, you get **109.5790, -24.1600, -13.6960**, and if you desaturate by 10%, it is **117.7380, -11.1860, -6.5300**.

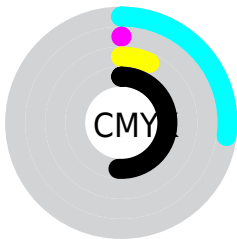
Distribution



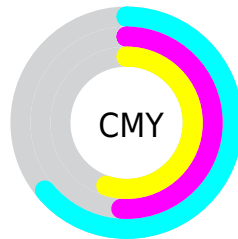
- Red (36%)
- Green (49%)
- Blue (45%)



- Red (36%)
- Yellow (44%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.8080, -17.3750, -10.0070 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 113.8080, -17.3750, -10.0070 by changing the saturation by 10% instead.

■ 113.8080,
-17.3750, -10.0070

■ 113.8080,
-17.3750, -10.0070

■ 255.0000, -0.0000,
-0.0000

■ 89.1070, -16.7790,
-9.7950

■ 166.0960,
-18.2460, -10.7420

■ 65.5200, -16.5040,
-9.2720

■ 193.0960,
-18.2460, -10.7420

■ 42.6340, -16.8250,
-8.9610

■ 220.7970,
-18.8420, -10.9540

■ 21.6340, -16.8250,
-8.9610

■ 245.3890,
-17.5130, -7.5050

■ 0.0000, 0.0000,
0.0000

■ 254.4020, -1.1920,
-0.4240

■ 113.8080,
-17.3750, -10.0070

■ 113.8080,
-17.3750, -10.0070

■ 109.5790,
-24.1600, -13.6960

■ 117.7380,
-11.1860, -6.5300

■ 105.5350,
-30.0280, -17.4840

■ 122.0810, -4.7220,
-2.5300

■ 101.3060,
-36.8130, -21.1730

■ 126.0110, 1.4670,
0.9470

■ 97.3760, -43.0020,
-24.6500

■ 130.2400, 8.2520,
4.6360

■ 93.0330, -49.4660,
-28.6500

■ 134.2840, 14.1200,
8.4240

■ 89.1030, -55.6550,
-32.1270

■ 138.5130, 20.9050,
12.1130

■ 84.8740, -62.4400,
-35.8160

■ 142.4430, 27.0940,
15.5900

■ 83.8630, -63.9070,

■ 146.7860, 33.5580,

-36.7630

19.5900

■ 150.7160, 39.7470,
23.0670

Harmonies

Analogous

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



115.1420, -6.6920, -10.8840



113.8080, -17.3750, -10.0070



113.6810, -24.2070, -7.3350

Triad

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



113.8080, -17.3750, -10.0070



119.3340, -6.5120, 7.8880



119.1780, 19.9900, 1.1580

Complementary

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



113.8080, -17.3750, -10.0070



102.1920, 17.3750, 10.0070

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.



119.6390, 20.3100, 6.3740



113.8080, -17.3750, -10.0070



120.2600, 5.5000, 10.4600

Square

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



113.8080, -17.3750, -10.0070



117.1260, -17.7900, 3.0260



120.4090, 15.2660, 9.6820



117.9660, 14.5350, -4.6090

Rectangle

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



113.8080, -17.3750, -10.0070



114.1910, -25.5830, -4.4230



120.4090, 15.2660, 9.6820



119.4170, 20.8150, 2.7270

Sweetspot

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



113.8080, -17.3750, -10.0070



158.7710, -6.7850, -3.6890



113.6490, -3.9860, -15.8740



78.9670, -4.4010, -2.8410



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.



113.8080, -17.3750, -10.0070



145.2580, -27.6900, -15.8020



110.1380, -18.0640, -3.0240



61.6790, -3.5300, -2.1060



85.8520, -65.3740, -37.7100



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.1920, 17.3750, 10.0070



126.8560, 27.3690, 16.1130



105.8620, 18.0640, 3.0240



59.3210, 3.5300, 2.1060



42.1480, 65.3740, 37.7100



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 113.8080, -17.3750, -10.0070 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 113.8080, -17.3750, -10.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

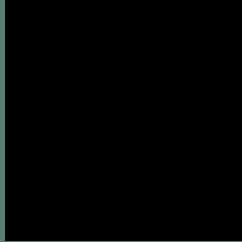
Any Text WCAG AA ✓ Pass

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 113.8080, -17.3750, -10.0070 Background



This preview shows how black text looks on a background with the YIQ color 113.8080, -17.3750, -10.0070.



This preview shows how white text looks on a background with the YIQ color 113.8080, -17.3750, -10.0070.

-10.0070.

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

113.8080, -17.3750, -10.0070

Protanopia

117.6260, 3.9890, -0.7070

Deuteranopia

118.9410, 7.6560, 4.4240



Tritanopia

115.3550, -20.1730, -3.3490

Trichromacy



Original Color

113.8080, -17.3750, -10.0070

Protanomaly

116.2120, -3.7130, -4.2970

Deuteranomaly

116.9890, -1.4670, -0.9470

Tritanomaly

114.9590, -19.1180, -5.9500

Monochromacy



Original Color

113.8080, -17.3750, -10.0070

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0700, -6.1890, -3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.8080, -17.3750, -10.0070 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(91, 125, 116)` looks like.

```
.text, #text, p{  
    color:rgb(91, 125, 116)  
}
```

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(91, 125, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 125, 116) }
```

Border

The CSS property to change the border of an element to YIQ 113.8080, -17.3750, -10.0070 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(91, 125, 116) }
```


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

```
.border{ border-color:rgb(91, 125, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 125, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 125, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 125, 116);  
box-shadow:4px 4px 4px 4px rgb(91, 125,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 113.8080, -17.3750, -10.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 125, 116) }
```

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

```
.background{ background-color: rgb(91, 125,  
116) }
```

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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