

Converting Colors

YIQ(117.8170, -4.3990,
-13.8950)

Have a look what the booklet for
YIQ(117.8170, -4.3990, -13.8950)
contains.

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Color

**YIQ(117.8170, -4.3990,
-13.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	698063
RGB	105, 128, 99
RGB Percent	41%, 50%, 39%
CMY	0.5883, 0.4980, 0.6118
CMYK	0.18, 0.00, 0.23, 0.50
HSL	108°, 13%, 45%
HSV	108°, 23%, 50%
XYZ	15.7961, 19.3439, 14.7059
YIQ	117.8170, -4.3990, -13.8950

Conversions

Conversions Part 2

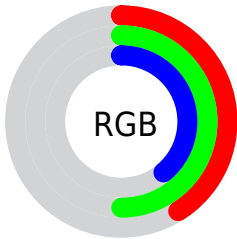
Format	Color
R_{YB}	99, 128, 122
Decimal	6914147
CIE _{Lab}	51.09, -14.27, 13.05
CIE _{LCh}	51, 19.339, 137.548
Yxy	19.3439, 0.3169, 0.3881
Android (android.graphics.Color)	4285104227 (0xFF698063)
YUV	117.8170, -9.2768, -11.2405
Hunter-Lab	43.9817, -12.8591, 10.9627

Details

The YIQ color $117.8170, -4.3990, -13.8950$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $109.1830, 4.3990, 13.8950$, and the grayscale version is $118.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $170.2900, -4.3530, -14.7290$, and $69.3440, -4.4450, -13.0610$ is the 20% darker color. If you saturate the color by 10%, you get $113.3450, -6.1860, -20.0580$, and if you desaturate by 10%, it is $122.2890, -2.6120, -7.7320$.

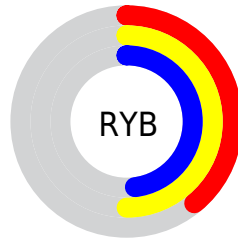
Distribution



Red (41%)

Green (50%)

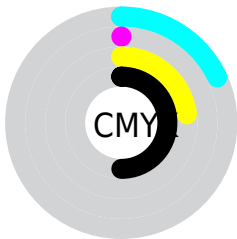
Blue (39%)



Red (39%)

Yellow (50%)

Blue (48%)

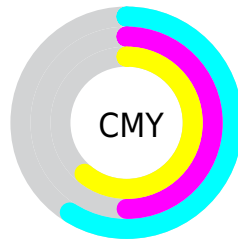


Cyan (18%)

Magenta (0%)

Yellow (23%)

Black (50%)



Cyan (59%)

Magenta (50%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.8170, -4.3990, -13.8950 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 117.8170, -4.3990, -13.8950 by changing the saturation by 10% instead.

■ 117.8170, -4.3990,
-13.8950

■ 117.8170, -4.3990,
-13.8950

■ 255.0000, -0.0000,
-0.0000

■ 93.2300, -4.1240,
-13.3720

■ 170.2900, -4.3530,
-14.7290

■ 69.3440, -4.4450,
-13.0610

■ 197.2900, -4.3530,
-14.7290

■ 46.8710, -4.4910,
-12.2270

■ 225.4640, -4.9030,
-15.7750

■ 25.3550, -2.9780,
-12.1140

■ 247.8930, -1.5570,
-10.3330

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 117.8170, -4.3990,
-13.8950

■ 117.8170, -4.3990,
-13.8950

■ 113.3450, -6.1860,
-20.0580

■ 122.2890, -2.6120,
-7.7320

■ 108.8730, -7.9730,
-26.2210

■ 126.7610, -0.8250,
-1.5690

■ 104.2160,
-10.6770, -32.2850

■ 131.1190, 1.2830,
4.2830

■ 99.7440, -12.4640,
-38.4480

■ 135.8900, 3.6660,
10.6580

■ 95.2720, -14.2510,
-44.6110

■ 140.3620, 5.4530,
16.8210

■ 90.8000, -16.0380,
-50.7740

■ 144.8340, 7.2400,
22.9840

■ 86.3280, -17.8250,
-56.9370

■ 149.3060, 9.0270,
29.1470

■ 82.9100, -19.7040,

■ 153.6640, 11.1350,

-61.4320

34.9990

■ 158.1360, 12.9220,
41.1620

Harmonies

Analogous

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



120.1240, 10.9140, -10.5740



117.8170, -4.3990, -13.8950



115.9060, -20.7670, -14.6150

Triad

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



117.8170, -4.3990, -13.8950



118.3250, -28.6560, 1.7120



123.6830, 26.1780, 10.1620

Complementary

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



117.8170, -4.3990, -13.8950



109.1830, 4.3990, 13.8950

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.



124.1260, 17.7410, 14.3890



117.8170, -4.3990, -13.8950



122.2670, -13.5730, 9.2030

Square

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



117.8170, -4.3990, -13.8950



114.9770, -36.7240, -6.2600



123.9980, 3.4820, 13.9940



122.9510, 28.0590, 3.6030

Rectangle

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



117.8170, -4.3990, -13.8950



114.4690, -29.6620, -13.1020



123.9980, 3.4820, 13.9940



124.3670, 24.2520, 12.0280

Sweetspot

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



117.8170, -4.3990, -13.8950



161.9410, -1.5120, -5.6400



121.1720, 10.9590, -5.8810



81.7070, -0.7330, -3.2370



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.



117.8170, -4.3990, -13.8950



150.1060, -7.0110, -21.6270



116.9350, -10.5430, -12.6790



61.7070, -0.7330, -3.2370



82.9100, -19.7040, -61.4320



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.1830, 4.3990, 13.8950



136.8940, 7.0110, 21.6270



110.0650, 10.5430, 12.6790



59.2930, 0.7330, 3.2370



44.7910, 19.1080, 61.2200



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.8170, -4.3990, -13.8950 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 117.8170, -4.3990, -13.8950 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 117.8170, -4.3990, -13.8950

Background



This preview shows how black text looks on a background with the YIQ color 117.8170, -4.3990, -13.8950.



This preview shows how white text looks on a background with the YIQ color 117.8170, -4.3990, -13.8950.

-13.8950.

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

117.8170, -4.3990, -13.8950

Protanopia

120.5420, 12.7930, -6.0790

Deuteranopia

122.0530, 18.8440, -0.1000



Tritanopia

120.5520, -10.3620, 0.5660

Trichromacy



Original Color

117.8170, -4.3990, -13.8950

Protanomaly

119.7260, 6.2830, -9.2450

Deuteranomaly

120.4000, 10.3170, -5.2590

Tritanomaly

119.7600, -8.2520, -4.6360

Monochromacy



Original Color

117.8170, -4.3990, -13.8950

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0550, -1.8330, -5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8170, -4.3990, -13.8950 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(105, 128, 99)` looks like.

```
.text, #text, p{  
    color:rgb(105, 128, 99)  
}
```

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(105, 128, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 128, 99) }
```

Border

The CSS property to change the border of an element to YIQ 117.8170, -4.3990, -13.8950 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(105, 128, 99) }
```


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

```
.border{ border-color:rgb(105, 128, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 128, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 128, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 128, 99);  
box-shadow:4px 4px 4px 4px rgb(105, 128,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8170, -4.3990, -13.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 128, 99) }
```

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

```
.background{ background-color: rgb(105,  
128, 99) }
```

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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