

Converting Colors

YIQ(107.9950, -1.6040, -3.9720)

Have a look what the booklet for
YIQ(107.9950, -1.6040, -3.9720)
contains.

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Color

**YIQ(107.9950, -1.6040,
-3.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	686F67
RGB	104, 111, 103
RGB Percent	41%, 44%, 40%
CMY	0.5922, 0.5647, 0.5961
CMYK	0.06, 0.00, 0.07, 0.56
HSL	113°, 4%, 42%
HSV	113°, 7%, 44%
XYZ	13.8412, 15.2915, 15.0540
YIQ	107.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

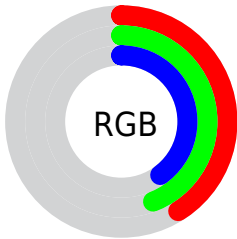
Format	Color
RYB	103, 111, 110
Decimal	6844263
CIELab	46.03, -4.32, 3.53
CIElCh	46, 5.579, 140.717
Yxy	15.2915, 0.3132, 0.3461
Android (android.graphics.Color)	4285034343 (0xFF686F67)
YUV	107.9950, -2.4625, -3.5036
Hunter-Lab	39.1044, -5.2515, 4.5482

Details

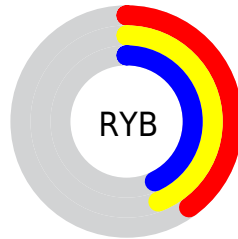
The YIQ color **107.9950, -1.6040, -3.9720** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.0050, 1.6040, 3.9720**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5820, -1.8790, -4.4950**, and **60.4080, -1.3290, -3.4490** is the 20% darker color. If you saturate the color by 10%, you get **103.7510, -4.0330, -9.5130**, and if you desaturate by 10%, it is **112.2390, 0.8250, 1.5690**.

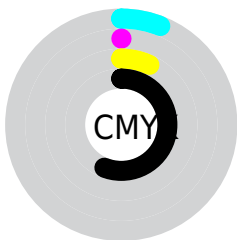
Distribution



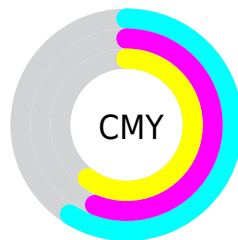
- Red (41%)
- Green (44%)
- Blue (40%)



- Red (40%)
- Yellow (44%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.9950, -1.6040, -3.9720 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 107.9950, -1.6040, -3.9720 by changing the saturation by 10% instead.

■ 107.9950, -1.6040,
-3.9720

■ 107.9950, -1.6040,
-3.9720

■ 255.0000, -0.0000,
-0.0000

■ 83.9950, -1.6040,
-3.9720

■ 159.5820, -1.8790,
-4.4950

■ 60.4080, -1.3290,
-3.4490

■ 186.5820, -1.8790,
-4.4950

■ 38.5220, -1.6500,
-3.1380

■ 213.8810, -1.2830,
-4.2830

■ 17.9950, -1.6040,
-3.9720

■ 242.5820, -1.8790,
-4.4950

■ 0.0000, 0.0000,
0.0000

■ 107.9950, -1.6040,

■ 107.9950, -1.6040,

-3.9720

-3.9720

■ 103.7510, -4.0330,
-9.5130

■ 112.2390, 0.8250,
1.5690

■ 99.8060, -5.8660,
-14.8420

■ 116.1840, 2.6580,
6.8980

■ 95.5620, -8.2950,
-20.3830

■ 120.4280, 5.0870,
12.4390

■ 91.3180, -10.7240,
-25.9240

■ 124.6720, 7.5160,
17.9800

■ 86.9600, -12.8320,
-31.7760

■ 129.0300, 9.6240,
23.8320

■ 83.0150, -14.6650,
-37.1050

■ 132.9750, 11.4570,
29.1610

■ 78.7710, -17.0940,
-42.6460

■ 137.2190, 13.8860,
34.7020

■ 74.5270, -19.5230,
-48.1870

■ 141.4630, 16.3150,
40.2430

■ 70.5820, -21.3560,
-53.5160

■ 145.4080, 18.1480,
45.5720

Harmonies

Analogous

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



108.5610, 2.6140, -3.3220



107.9950, -1.6040, -3.9720



107.8420, -5.5470, -4.0990

Triad

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



107.9950, -1.6040, -3.9720



108.8190, -6.7400, 1.0040



109.8870, 7.7480, 2.7560

Complementary

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



107.9950, -1.6040, -3.9720



106.0050, 1.6040, 3.9720

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.



110.1580, 5.5470, 4.0990



107.9950, -1.6040, -3.9720



109.1400, -3.2100, 3.1100

Square

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



107.9950, -1.6040, -3.9720



107.9820, -8.7570, -0.9890



110.0050, 1.6040, 3.9720



109.7190, 8.1610, 0.7770

Rectangle

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



107.9950, -1.6040, -3.9720



107.7000, -8.0230, -3.2790



110.0050, 1.6040, 3.9720



110.0010, 7.4270, 3.0670

Sweetspot

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



107.9950, -1.6040, -3.9720



144.0600, -0.2290, -1.3570



109.5010, 2.8430, -1.9650



73.4730, 0.0460, -0.8340



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



107.9950, -1.6040, -3.9720



140.2290, -2.3830, -6.3750



108.0380, -3.1630, -3.2510



53.8210, -1.0540, -2.9260



74.9250, -24.0600, -59.5800



154.2580, -49.4490, -122.6090

Inverse Universe

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



106.0050, 1.6040, 3.9720



137.0700, 2.9790, 6.5870



105.9620, 3.1630, 3.2510



52.1790, 1.0540, 2.9260



45.0750, 24.0600, 59.5800



93.0410, 50.0450, 122.8210

Previews

White Background



This preview shows how the YIQ color 107.9950, -1.6040, -3.9720 looks on a white background.

Color Contrast Check

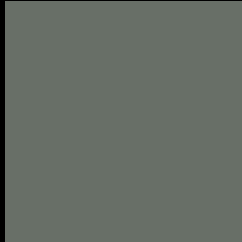
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.9950, -1.6040, -3.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

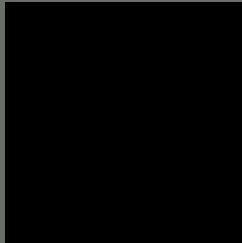
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.9950, -1.6040, -3.9720

Background



This preview shows how black text looks on a background with the YIQ color 107.9950, -1.6040, -3.9720.



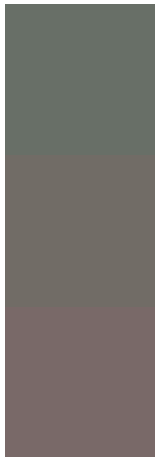
This preview shows how white text looks on a background with the YIQ color 107.9950, -1.6040,

-3.9720.

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

107.9950, -1.6040, -3.9720

Protanopia

108.8110, 4.9060, -0.8060

Deuteranopia

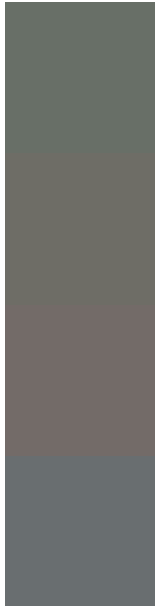
109.6700, 9.8570, 3.0810



Tritanopia

109.0150, -4.3560, 1.8520

Trichromacy



Original Color

107.9950, -1.6040, -3.9720

Protanomaly

108.5010, 2.8430, -1.9650

Deuteranomaly

109.0500, 5.7310, 0.7630

Tritanomaly

108.7330, -3.6220, -0.4380

Monochromacy



Original Color

107.9950, -1.6040, -3.9720

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.0600, -0.2290, -1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.9950, -1.6040, -3.9720 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(104, 111, 103)` looks like.

```
.text, #text, p{  
    color:rgb(104, 111, 103)  
}
```

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(104, 111, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 111, 103) }
```

Border

The CSS property to change the border of an element to YIQ 107.9950, -1.6040, -3.9720 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(104, 111, 103) }
```


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

```
.border{ border-color:rgb(104, 111, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 111, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 111, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 111, 103);  
box-shadow:4px 4px 4px 4px rgb(104, 111,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 107.9950, -1.6040, -3.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 111, 103) }
```

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

```
.background{ background-color: rgb(104,  
111, 103) }
```

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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