

Converting Colors

YIQ(109.1420, -6.6920,
-10.8840)

Have a look what the booklet for
YIQ(109.1420, -6.6920, -10.8840)
contains.

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Color

**YIQ(109.1420, -6.6920,
-10.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	607662
RGB	96, 118, 98
RGB Percent	38%, 46%, 38%
CMY	0.6236, 0.5372, 0.6157
CMYK	0.19, 0.00, 0.17, 0.54
HSL	125°, 10%, 42%
HSV	125°, 19%, 46%
XYZ	13.5061, 16.3267, 13.9941
YIQ	109.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

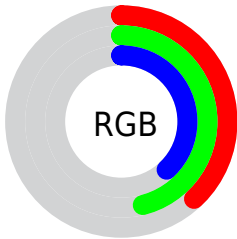
Format	Color
R_{YB}	96, 116, 118
Decimal	6321762
CIE _{Lab}	47.40, -12.36, 8.38
CIE _{LCh}	47, 14.934, 145.866
Yxy	16.3267, 0.3082, 0.3725
Android (android.graphics.Color)	4284511842 (0xFF607662)
YUV	109.1420, -5.4930, -11.5255
Hunter-Lab	40.4063, -11.0461, 7.7503

Details

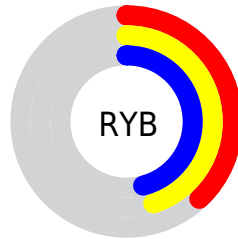
The YIQ color $109.1420, -6.6920, -10.8840$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $104.8580, 6.6920, 10.8840$, and the grayscale version is $109.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $160.7290, -6.9670, -11.4070$, and $61.6690, -6.7380, -10.0500$ is the 20% darker color. If you saturate the color by 10%, you get $104.3000, -10.3130, -16.8490$, and if you desaturate by 10%, it is $113.9840, -3.0710, -4.9190$.

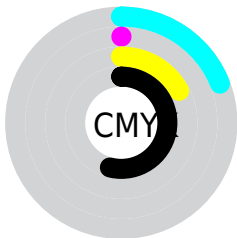
Distribution



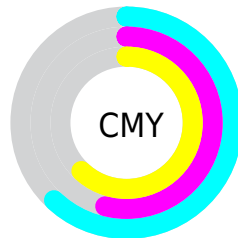
- Red (38%)
- Green (46%)
- Blue (38%)



- Red (38%)
- Yellow (45%)
- Blue (46%)



- Cyan (19%)
- Magenta (0%)
- Yellow (17%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.1420, -6.6920, -10.8840 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 109.1420, -6.6920, -10.8840 by changing the saturation by 10% instead.

■ 109.1420, -6.6920,
-10.8840

■ 109.1420, -6.6920,
-10.8840

■ 255.0000, -0.0000,
-0.0000

■ 84.5550, -6.4170,
-10.3610

■ 160.7290, -6.9670,
-11.4070

■ 61.6690, -6.7380,
-10.0500

■ 187.3160, -7.2420,
-11.9300

■ 39.3810, -5.8670,
-9.3150

■ 215.9030, -7.5170,
-12.4530

■ 17.7290, -6.9670,
-11.4070

■ 243.9030, -7.5170,
-12.4530

■ 0.0000, 0.0000,
0.0000

■ 109.1420, -6.6920,

■ 109.1420, -6.6920,

-10.8840

-10.8840

■ 104.3000,
-10.3130, -16.8490

■ 113.9840, -3.0710,
-4.9190

■ 99.5720, -14.2550,
-22.5030

■ 118.7120, 0.8710,
0.7350

■ 95.0290, -17.2800,
-28.2560

■ 123.2550, 3.8960,
6.4880

■ 90.1870, -20.9010,
-34.2210

■ 128.0970, 7.5170,
12.4530

■ 85.3450, -24.5220,
-40.1860

■ 132.9390, 11.1380,
18.4180

■ 80.6170, -28.4640,
-45.8400

■ 137.6670, 15.0800,
24.0720

■ 75.7750, -32.0850,
-51.8050

■ 142.5090, 18.7010,
30.0370

■ 71.2320, -35.1100,
-57.5580

■ 147.0520, 21.7260,
35.7900

■ 70.5200, -35.9810,
-58.2930

■ 151.7800, 25.6680,
41.4440

Harmonies

Analogous

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



110.6550, 5.0450, -8.8350



109.1420, -6.6920, -10.8840



108.0960, -18.2460, -10.7420

Triad

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



109.1420, -6.6920, -10.8840



111.2400, -18.1110, 3.3370



113.9380, 20.9060, 6.5860

Complementary

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



109.1420, -6.6920, -10.8840



104.8580, 6.6920, 10.8840

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.



114.8220, 15.5410, 10.2050



109.1420, -6.6920, -10.8840



113.4480, -6.8330, 8.1990

Square

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



109.1420, -6.6920, -10.8840



108.3590, -25.9960, -2.4440



114.6730, 5.7750, 10.9830



113.3630, 20.9070, 1.0590

Rectangle

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



109.1420, -6.6920, -10.8840



107.6270, -24.1150, -9.0030



114.6730, 5.7750, 10.9830



114.6930, 20.2180, 8.0420

Sweetspot

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



109.1420, -6.6920, -10.8840



149.3970, -2.7960, -4.3960



114.8940, 5.8700, -7.2660



74.6360, -1.9710, -2.8270



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



109.1420, -6.6920, -10.8840



139.3000, -10.3130, -16.8490



110.3960, -10.2230, -7.4630



56.5220, -1.6500, -3.1380



72.8680, -37.0810, -60.3850



149.3720, -76.1330, -123.5970

Inverse Universe

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



104.8580, 6.6920, 10.8840



132.7000, 10.3130, 16.8490



103.6040, 10.2230, 7.4630



55.3640, 1.9710, 2.8270



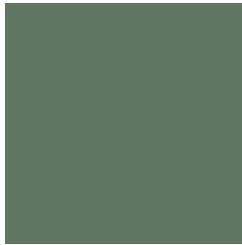
49.1320, 37.0810, 60.3850



100.6280, 76.1330, 123.5970

Previews

White Background



This preview shows how the YIQ color 109.1420, -6.6920, -10.8840 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 109.1420, -6.6920, -10.8840 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 109.1420, -6.6920, -10.8840

Background



This preview shows how black text looks on a background with the YIQ color 109.1420, -6.6920, -10.8840.



This preview shows how white text looks on a background with the YIQ color 109.1420, -6.6920,

-10.8840.

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

109.1420, -6.6920, -10.8840

Protanopia

111.8560, 9.0330, -4.0150

Deuteranopia

112.7690, 13.8920, 1.5400



Tritanopia

110.9540, -11.5540, 0.1420

Trichromacy



Original Color

109.1420, -6.6920, -10.8840

Protanomaly

110.7520, 3.3940, -6.4460

Deuteranomaly

111.7140, 6.5570, -3.1950

Tritanomaly

110.2160, -9.5360, -3.3920

Monochromacy



Original Color

109.1420, -6.6920, -10.8840

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.8100, -2.5210, -3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.1420, -6.6920, -10.8840 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(96, 118, 98)` looks like.

```
.text, #text, p{  
    color:rgb(96, 118, 98)  
}
```

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(96, 118, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 118, 98) }
```

Border

The CSS property to change the border of an element to YIQ 109.1420, -6.6920, -10.8840 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(96, 118, 98) }
```


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

```
.border{ border-color:rgb(96, 118, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 118, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 118, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 118, 98);  
box-shadow:4px 4px 4px 4px rgb(96, 118,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 109.1420, -6.6920, -10.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 118, 98) }
```

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

```
.background{ background-color: rgb(96, 118,  
98) }
```

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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