

Converting Colors

YIQ(108.7080, 6.6940, -0.1700)

Have a look what the booklet for
YIQ(108.7080, 6.6940, -0.1700)
contains.

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Color

**YIQ(108.7080, 6.6940,
-0.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	736B65
RGB	115, 107, 101
RGB Percent	45%, 42%, 40%
CMY	0.5490, 0.5804, 0.6039
CMYK	0.00, 0.07, 0.12, 0.55
HSL	26°, 6%, 42%
HSV	26°, 12%, 45%
XYZ	14.6774, 15.0995, 14.4549
YIQ	108.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

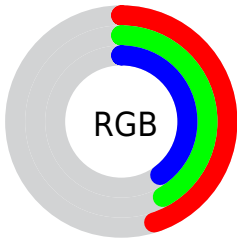
Format	Color
R_{YB}	115, 112, 101
Decimal	7564133
CIE _{Lab}	45.77, 2.00, 4.47
CIE _{LCh}	46, 4.900, 65.915
Yxy	15.0995, 0.3318, 0.3414
Android (android.graphics.Color)	4285754213 (0xFF736B65)
YUV	108.7080, -3.8000, 5.5181
Hunter-Lab	38.8581, -0.5789, 5.1453

Details

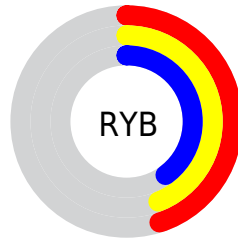
The YIQ color **108.7080, 6.6940, -0.1700** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.2920, -6.6940, 0.1700**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0070, 7.2900, 0.0420**, and **61.4090, 6.0980, -0.3820** is the 20% darker color. If you saturate the color by 10%, you get **103.3450, 12.1500, 0.0700**, and if you desaturate by 10%, it is **114.1850, 0.9170, -0.0990**.

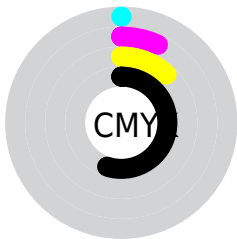
Distribution



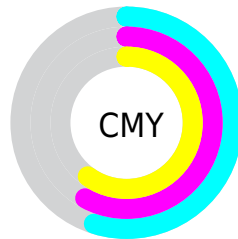
- Red (45%)
- Green (42%)
- Blue (40%)



- Red (45%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.7080, 6.6940, -0.1700 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 108.7080, 6.6940, -0.1700 by changing the saturation by 10% instead.

■ 108.7080, 6.6940,
-0.1700

■ 108.7080, 6.6940,
-0.1700

■ 255.0000, -0.0000,
-0.0000

■ 84.4090, 6.0980,
-0.3820

■ 160.0070, 7.2900,
0.0420

■ 61.4090, 6.0980,
-0.3820

■ 187.0070, 7.2900,
0.0420

■ 39.5230, 5.7770,
-0.0710

■ 214.8930, 7.6110,
-0.2690

■ 18.5940, 7.0150,
-0.4810

■ 243.1920, 8.2070,
-0.0570

■ 0.0000, 0.0000,
0.0000

■ 108.7080, 6.6940,

■ 108.7080, 6.6940,

-0.1700

-0.1700

■ 103.3450, 12.1500,
0.0700

■ 114.1850, 0.9170,
-0.0990

■ 98.4550, 17.6520,
-0.5240

■ 118.9610, -4.2640,
0.1840

■ 93.0920, 23.1080,
-0.2840

■ 124.4380,
-10.0410, 0.2550

■ 88.2020, 28.6100,
-0.8780

■ 129.2140,
-15.2220, 0.5380

■ 82.8390, 34.0660,
-0.6380

■ 134.6910,
-20.9990, 0.6090

■ 77.9490, 39.5680,
-1.2320

■ 139.4670,
-26.1800, 0.8920

■ 72.5860, 45.0240,
-0.9920

■ 144.9440,
-31.9570, 0.9630

■ 67.1090, 50.8010,
-1.0630

■ 150.3070,
-37.4130, 0.7230

■ 63.1480, 55.0650,
-1.2470

■ 155.1970,
-42.9150, 1.3170

Harmonies

Analogous

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



109.0610, 7.1980, 1.7100



108.7080, 6.6940, -0.1700



107.9850, 4.3560, -1.8520

Triad

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



108.7080, 6.6940, -0.1700



107.1840, -6.5100, -3.1660



108.8090, -0.7800, 3.1240

Complementary

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



108.7080, 6.6940, -0.1700



107.2920, -6.6940, 0.1700

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.



108.0150, -4.3560, 1.8520



108.7080, 6.6940, -0.1700



107.6400, -7.7940, -1.9220

Square

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



108.7080, 6.6940, -0.1700



107.6250, -3.4380, -3.7740



107.9930, -7.2900, -0.0420



109.3750, 3.4380, 3.7740

Rectangle

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



108.7080, 6.6940, -0.1700



107.7890, 1.9720, -2.7000



107.9930, -7.2900, -0.0420



109.2110, -1.9720, 2.7000

Sweetspot

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



108.7080, 6.6940, -0.1700



147.5550, 2.7510, -0.2970



106.0980, 5.7760, 5.4560



74.7830, 2.1090, 0.3250



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.



108.7080, 6.6940, -0.1700



140.4480, 10.3620, -0.5660



112.8170, 4.7690, -3.8310



55.9680, 3.0260, 0.2260



67.0020, 58.4120, -1.3320



137.5590, 119.5750, -2.9610

Inverse Universe

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



107.2920, -6.6940, 0.1700



138.1390, -10.6370, 0.0430



103.1830, -4.7690, 3.8310



55.4450, -2.7510, 0.2970



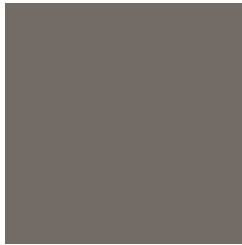
54.9980, -58.4120, 1.3320



112.4410, -119.5750, 2.9610

Previews

White Background



This preview shows how the YIQ color 108.7080, 6.6940, -0.1700 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 108.7080, 6.6940, -0.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

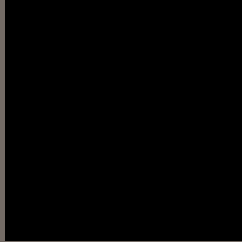
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.7080, 6.6940, -0.1700

Background



This preview shows how black text looks on a background with the YIQ color 108.7080, 6.6940, -0.1700.



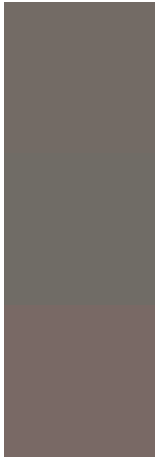
This preview shows how white text looks on a background with the YIQ color 108.7080, 6.6940,

-0.1700.

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

108.7080, 6.6940, -0.1700

Protanopia

108.5120, 4.3100, -1.0180

Deuteranopia

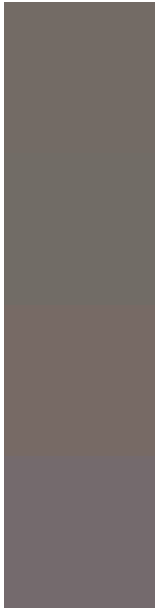
109.3280, 10.8200, 2.1480



Tritanopia

109.5000, 4.5840, 5.0320

Trichromacy



Original Color

108.7080, 6.6940, -0.1700

Protanomaly

108.8110, 4.9060, -0.8060

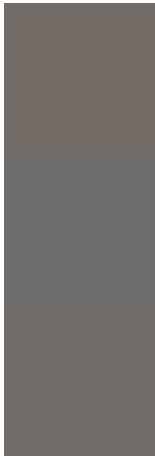
Deuteranomaly

109.3170, 9.3530, 1.2010

Tritanomaly

109.3320, 4.9970, 3.0530

Monochromacy



Original Color

108.7080, 6.6940, -0.1700

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.6690, 2.4300, 0.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.7080, 6.6940, -0.1700 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(115, 107, 101)` looks like.

```
.text, #text, p{  
    color:rgb(115, 107, 101)  
}
```

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(115, 107, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 107, 101) }
```

Border

The CSS property to change the border of an element to YIQ 108.7080, 6.6940, -0.1700 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(115, 107, 101) }
```


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

```
.border{ border-color:rgb(115, 107, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 107, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 107, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 107, 101);  
box-shadow:4px 4px 4px 4px rgb(115, 107,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 108.7080, 6.6940, -0.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 107, 101) }
```

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

```
.background{ background-color: rgb(115,  
107, 101) }
```

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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