

Converting Colors

YIQ(109.4280, 13.1140, -6.3900)

Have a look what the booklet for
YIQ(109.4280, 13.1140, -6.3900)
contains.

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Color

**YIQ(109.4280, 13.1140,
-6.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	766E54
RGB	118, 110, 84
RGB Percent	46%, 43%, 33%
CMY	0.5373, 0.5686, 0.6705
CMYK	0.00, 0.07, 0.29, 0.54
HSL	46°, 17%, 40%
HSV	46°, 29%, 46%
XYZ	14.6478, 15.6431, 10.6387
YIQ	109.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

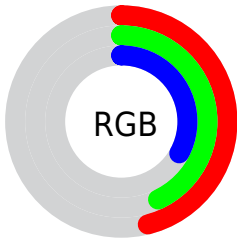
Format	Color
R_{YB}	94, 118, 84
Decimal	7761492
CIE Lab	46.50, -1.34, 15.65
CIE LCh	47, 15.704, 94.889
Yxy	15.6431, 0.3579, 0.3822
Android (android.graphics.Color)	4285951572 (0xFF766E54)
YUV	109.4280, -12.5360, 7.5176
Hunter-Lab	39.5514, -3.1075, 11.7379

Details

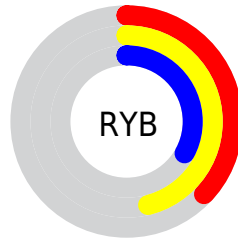
The YIQ color **109.4280, 13.1140, -6.3900** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **92.5720, -13.1140, 6.3900**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9120, 14.6270, -6.2770**, and **62.0580, 11.2800, -6.1920** is the 20% darker color. If you saturate the color by 10%, you get **106.2990, 17.7910, -8.5530**, and if you desaturate by 10%, it is **112.5570, 8.4370, -4.2270**.

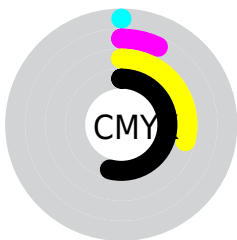
Distribution



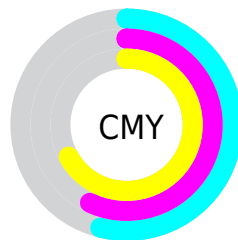
- Red (46%)
- Green (43%)
- Blue (33%)



- Red (37%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.4280, 13.1140, -6.3900 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 109.4280, 13.1140, -6.3900 by changing the saturation by 10% instead.

■ 109.4280, 13.1140,
-6.3900

■ 109.4280, 13.1140,
-6.3900

■ 255.0000, -0.0000,
-0.0000

■ 85.2430, 12.1970,
-6.2910

■ 160.9120, 14.6270,
-6.2770

■ 62.0580, 11.2800,
-6.1920

■ 187.7980, 14.9480,
-6.5880

■ 39.8730, 10.3630,
-6.0930

■ 215.6840, 15.2690,
-6.8990

■ 19.5140, 9.9960,
-4.9480

■ 244.5700, 15.5900,
-7.2100

■ 0.0000, 0.0000,
0.0000

■ 253.6320, 3.8520,
-3.7320

■ 109.4280, 13.1140,
-6.3900

■ 109.4280, 13.1140,
-6.3900

■ 106.2990, 17.7910,
-8.5530

■ 112.5570, 8.4370,
-4.2270

■ 103.1700, 22.4680,
-10.7160

■ 115.6860, 3.7600,
-2.0640

■ 100.7420, 26.5490,
-13.0910

■ 118.1140, -0.3210,
0.3110

■ 97.6130, 31.2260,
-15.2540

■ 121.2430, -4.9980,
2.4740

■ 94.4840, 35.9030,
-17.4170

■ 124.3720, -9.6750,
4.6370

■ 91.3550, 40.5800,
-19.5800

■ 127.5010,
-14.3520, 6.8000

■ 88.8130, 44.9820,
-22.2660

■ 130.0430,
-18.7540, 9.4860

■ 88.1120, 45.5780,

■ 133.0580,

-22.0540

-23.1100, 11.3380

■ 136.1870,
-27.7870, 13.5010

Harmonies

Analogous

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



111.0100, 20.4030, -0.8210



109.4280, 13.1140, -6.3900



107.7470, 1.7900, -10.4180

Triad

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



109.4280, 13.1140, -6.3900



104.7560, -28.7920, -6.8400



112.3530, 9.6720, 11.9440

Complementary

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



109.4280, 13.1140, -6.3900



92.5720, -13.1140, 6.3900

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.



111.6550, -2.9820, 9.9940



109.4280, 13.1140, -6.3900



107.0000, -26.3630, -1.2990

Square

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



109.4280, 13.1140, -6.3900



105.0570, -22.5100, -10.5580



109.9630, -15.7730, 5.0190



112.5620, 19.2090, 9.8090

Rectangle

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



109.4280, 13.1140, -6.3900



106.7290, -6.9670, -11.4070



109.9630, -15.7730, 5.0190



112.0860, 6.0500, 11.5060

Sweetspot

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



109.4280, 13.1140, -6.3900



149.6430, 5.3190, -2.7850



95.1920, 17.3750, 10.0070



74.8000, 3.4390, -1.7530



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.



109.4280, 13.1140, -6.3900



139.2130, 20.9090, -9.9950



111.7320, 6.1460, -12.2700



57.1420, 2.4760, -0.8200



91.6560, 46.8620, -23.2980



186.8670, 96.4750, -46.8930

Inverse Universe

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



92.5720, -13.1140, 6.3900



112.7870, -20.9090, 9.9950



90.5670, -5.5500, 12.4820



54.2710, -2.2010, 1.3430



30.9310, -47.1370, 22.7750



63.1330, -96.4750, 46.8930

Previews

White Background



This preview shows how the YIQ color 109.4280, 13.1140, -6.3900 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 109.4280, 13.1140, -6.3900 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

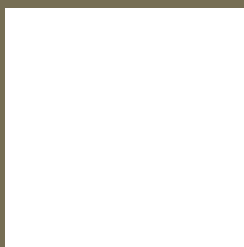
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 109.4280, 13.1140, -6.3900

Background



This preview shows how black text looks on a background with the YIQ color 109.4280, 13.1140, -6.3900.



This preview shows how white text looks on a background with the YIQ color 109.4280, 13.1140,

-6.3900.

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

109.4280, 13.1140, -6.3900

Protanopia

109.4280, 13.1140, -6.3900

Deuteranopia

110.4830, 20.4490, -1.6550



Tritanopia

111.6960, 6.9680, 5.8800

Trichromacy



Original Color

109.4280, 13.1140, -6.3900

Protanomaly

109.4280, 13.1140, -6.3900

Deuteranomaly

109.8740, 17.7900, -3.0260

Tritanomaly

110.7300, 9.6280, 1.7240

Monochromacy



Original Color

109.4280, 13.1140, -6.3900

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.8710, 4.6770, -2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.4280, 13.1140, -6.3900 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(118, 110, 84)` looks like.

```
.text, #text, p{  
    color:rgb(118, 110, 84)  
}
```

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(118, 110, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 110, 84) }
```

Border

The CSS property to change the border of an element to YIQ 109.4280, 13.1140, -6.3900 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(118, 110, 84) }
```


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

```
.border{ border-color:rgb(118, 110, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 110, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 110, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 110, 84);  
box-shadow:4px 4px 4px 4px rgb(118, 110,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 109.4280, 13.1140, -6.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 110, 84) }
```

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

```
.background{ background-color: rgb(118,  
110, 84) }
```

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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