

Converting Colors

YIQ(111.7090, 14.1210, 2.8970)

Have a look what the booklet for
YIQ(111.7090, 14.1210, 2.8970)
contains.

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Color

**YIQ(111.7090, 14.1210,
2.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6A65
RGB	127, 106, 101
RGB Percent	50%, 42%, 40%
CMY	0.5019, 0.5843, 0.6039
CMYK	0.00, 0.17, 0.20, 0.50
HSL	11°, 11%, 45%
HSV	11°, 20%, 50%
XYZ	16.2570, 15.7591, 14.5008
YIQ	111.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

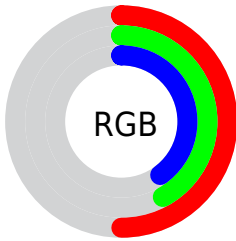
Format	Color
R _Y B	127, 107, 101
Decimal	8350309
CIE Lab	46.66, 7.48, 5.89
CIE LCh	47, 9.519, 38.255
Yxy	15.7591, 0.3495, 0.3388
Android (android.graphics.Color)	4286540389 (0xFF7F6A65)
YUV	111.7090, -5.2795, 13.4102
Hunter-Lab	39.6977, 3.6284, 6.1309

Details

The YIQ color **111.7090, 14.1210, 2.8970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.2910, -14.1210, -2.8970**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3070, 15.3130, 3.3210**, and **63.8120, 12.3330, 2.2610** is the 20% darker color. If you saturate the color by 10%, you get **104.3570, 21.0440, 4.0840**, and if you desaturate by 10%, it is **119.0610, 7.1980, 1.7100**.

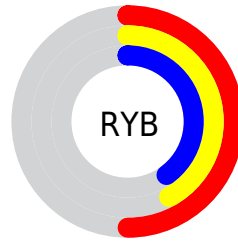
Distribution



Red (50%)

Green (42%)

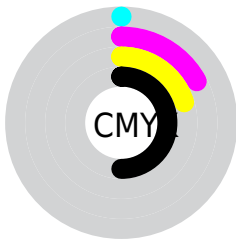
Blue (40%)



Red (50%)

Yellow (42%)

Blue (40%)

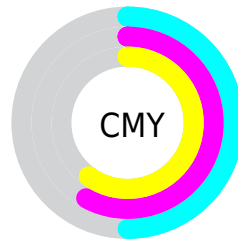


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (50%)



Cyan (50%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7090, 14.1210, 2.8970 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 111.7090, 14.1210, 2.8970 by changing the saturation by 10% instead.

■ 111.7090, 14.1210,
2.8970

■ 111.7090, 14.1210,
2.8970

255.0000, -0.0000,
-0.0000

■ 87.4100, 13.5250,
2.6850

■ 163.3070, 15.3130,
3.3210

■ 63.8120, 12.3330,
2.2610

■ 190.6060, 15.9090,
3.5330

■ 41.6270, 11.4160,
2.3600

■ 218.4920, 16.2300,
3.2220

■ 20.9860, 11.7830,
1.2150

■ 243.8010, 10.8660,
1.3140

■ 0.0000, 0.0000,
0.0000

■ 111.7090, 14.1210,

■ 111.7090, 14.1210,

2.8970

2.8970

■ 104.3570, 21.0440,
4.0840

■ 119.0610, 7.1980,
1.7100

■ 96.5320, 27.9210,
6.1050

■ 126.8860, 0.3210,
-0.3110

■ 89.1800, 34.8440,
7.2920

■ 134.2380, -6.6020,
-1.4980

■ 81.8280, 41.7670,
8.4790

■ 141.5900,
-13.5250, -2.6850

■ 74.5900, 48.3690,
9.9770

■ 148.9420,
-20.4480, -3.8720

■ 66.6510, 55.5670,
11.6870

■ 156.7670,
-27.3250, -5.8930

■ 59.2990, 62.4900,
12.8740

■ 164.1190,
-34.2480, -7.0800

■ 52.0610, 69.0920,
14.3720

■ 171.4710,
-41.1710, -8.2670

■ 178.7090,
-47.7730, -9.7650

Harmonies

Analogous

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



112.0340, 11.8280, 5.9080



111.7090, 14.1210, 2.8970



110.8180, 12.1960, -0.7640

Triad

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



111.7090, 14.1210, 2.8970



108.3640, -7.1970, -7.2370



110.3290, -8.1160, 3.9160

Complementary

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



111.7090, 14.1210, 2.8970



116.2910, -14.1210, -2.8970

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.



109.2850, -13.9840, 0.1280



111.7090, 14.1210, 2.8970



107.5960, -13.6620, -5.7100

Square

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



111.7090, 14.1210, 2.8970



109.1970, 0.6430, -6.1490



108.3940, -15.9090, -3.5330



111.8030, -0.6430, 6.1490

Rectangle

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



111.7090, 14.1210, 2.8970



110.6820, 9.5830, -2.9690



108.3940, -15.9090, -3.5330



109.7200, -10.7750, 2.5450

Sweetspot

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



111.7090, 14.1210, 2.8970



160.1640, 5.4100, 1.0740



111.1680, 8.7550, 12.0430



80.3810, 3.3010, 0.7490



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

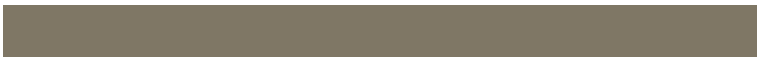
The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.7090, 14.1210, 2.8970



141.2540, 22.8320, 4.7200



119.3400, 10.5460, -3.9020



60.2670, 3.6220, 0.4380



52.3600, 69.6880, 14.5840



0.0000, 0.0000, 0.0000

Inverse Universe

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



116.2910, -14.1210, -2.8970



148.7460, -22.8320, -4.7200



108.6600, -10.5460, 3.9020



61.3200, -3.8970, -0.9610



75.0530, -69.4130, -14.0610



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.7090, 14.1210, 2.8970 looks on a white background.

Color Contrast Check

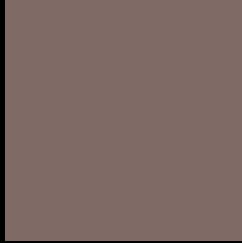
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.7090, 14.1210, 2.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

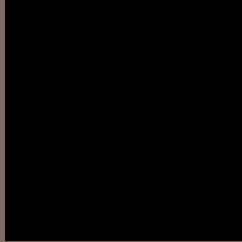
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.7090, 14.1210, 2.8970

Background



This preview shows how black text looks on a background with the YIQ color 111.7090, 14.1210, 2.8970.



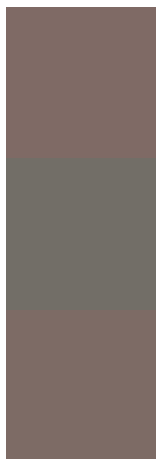
This preview shows how white text looks on a background with the YIQ color 111.7090, 14.1210,

2.8970.

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

111.7090, 14.1210, 2.8970

Protanopia

110.3980, 4.6310, -1.3290

Deuteranopia

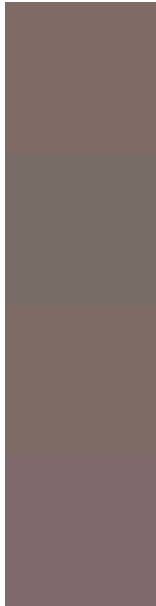
111.6980, 12.6540, 1.9500



Tritanopia

112.0880, 11.7360, 7.5760

Trichromacy



Original Color

111.7090, 14.1210, 2.8970

Protanomaly

111.1920, 8.2070, -0.0570

Deuteranomaly

111.9970, 13.2500, 2.1620

Tritanomaly

112.2190, 12.7450, 5.8090

Monochromacy



Original Color

111.7090, 14.1210, 2.8970

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8650, 4.8140, 0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7090, 14.1210, 2.8970 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(127, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(127, 106, 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(127, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 106, 101) }
```

Border

The CSS property to change the border of an element to YIQ 111.7090, 14.1210, 2.8970 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(127, 106, 101) }
```


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

```
.border{ border-color:rgb(127, 106, 101) }
```

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

Here you see how a box with a 4 pixel rgb(127, 106, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(127, 106,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7090, 14.1210, 2.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 106, 101) }
```

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

```
.background{ background-color: rgb(127,  
106, 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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