

Converting Colors

YIQ(110.2030, 9.6740, 0.8900)

Have a look what the booklet for
YIQ(110.2030, 9.6740, 0.8900)
contains.

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Color

**YIQ(110.2030, 9.6740,
0.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	786B65
RGB	120, 107, 101
RGB Percent	47%, 42%, 40%
CMY	0.5294, 0.5804, 0.6039
CMYK	0.00, 0.11, 0.16, 0.53
HSL	19°, 9%, 43%
HSV	19°, 16%, 47%
XYZ	15.3533, 15.4476, 14.4872
YIQ	110.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

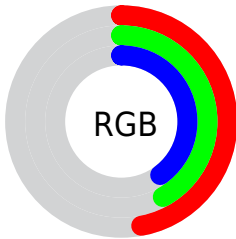
Format	Color
R_{YB}	120, 110, 101
Decimal	7891813
CIE Lab	46.24, 4.03, 5.21
CIE LCh	46, 6.583, 52.309
Yxy	15.4476, 0.3390, 0.3411
Android (android.graphics.Color)	4286081893 (0xFF786B65)
YUV	110.2030, -4.5371, 8.5920
Hunter-Lab	39.3035, 0.9474, 5.6582

Details

The YIQ color **110.2030, 9.6740, 0.8900** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.7970, -9.6740, -0.8900**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5020, 10.2700, 1.1020**, and **62.6050, 8.4820, 0.4660** is the 20% darker color. If you saturate the color by 10%, you get **104.1390, 15.7260, 1.3420**, and if you desaturate by 10%, it is **116.2670, 3.6220, 0.4380**.

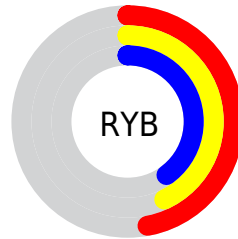
Distribution



Red (47%)

Green (42%)

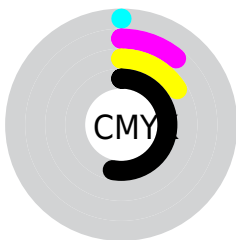
Blue (40%)



Red (47%)

Yellow (43%)

Blue (40%)

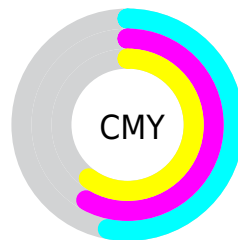


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.2030, 9.6740, 0.8900 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 110.2030, 9.6740, 0.8900 by changing the saturation by 10% instead.

■ 110.2030, 9.6740,
0.8900

■ 110.2030, 9.6740,
0.8900

255.0000, -0.0000,
-0.0000

■ 85.9040, 9.0780,
0.6780

■ 161.5020, 10.2700,
1.1020

■ 62.6050, 8.4820,
0.4660

■ 188.8010, 10.8660,
1.3140

■ 40.7190, 8.1610,
0.7770

■ 216.6870, 11.1870,
1.0030

■ 19.4910, 8.8030,
0.1550

■ 244.3880, 10.5910,
0.7910

■ 0.0000, 0.0000,
0.0000

■ 110.2030, 9.6740,

■ 110.2030, 9.6740,

0.8900

■ 104.1390, 15.7260,
1.3420

■ 98.0750, 21.7780,
1.7940

■ 91.4240, 28.1050,
2.7690

■ 85.3600, 34.1570,
3.2210

■ 79.2960, 40.2090,
3.6730

■ 73.2320, 46.2610,
4.1250

■ 66.5810, 52.5880,
5.1000

■ 60.5170, 58.6400,
5.5520

0.8900

■ 116.2670, 3.6220,
0.4380

■ 122.3310, -2.4300,
-0.0140

■ 128.9820, -8.7570,
-0.9890

■ 135.0460,
-14.8090, -1.4410

■ 141.1100,
-20.8610, -1.8930

■ 147.1740,
-26.9130, -2.3450

■ 153.8250,
-33.2400, -3.3200

■ 159.8890,
-39.2920, -3.7720

■ 58.1860, 61.0700,
5.5660

■ 165.9530,
-45.3440, -4.2240

Harmonies

Analogous

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



110.7840, 9.5360, 3.3920



110.2030, 9.6740, 0.8900



109.9530, 7.3820, -1.6260

Triad

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



110.2030, 9.6740, 0.8900



107.9450, -7.3350, -4.7350



110.2540, -3.5310, 3.4210

Complementary

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



110.2030, 9.6740, 0.8900



110.7970, -9.6740, -0.8900

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.



108.7480, -7.9780, 1.4140



110.2030, 9.6740, 0.8900



107.9170, -10.1320, -3.6040

Square

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



110.2030, 9.6740, 0.8900



108.2830, -2.4750, -4.7070



108.1990, -10.8660, -1.3140



110.4180, 1.8790, 4.4950

Rectangle

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



110.2030, 9.6740, 0.8900



109.3440, 4.7230, -2.9970



108.1990, -10.8660, -1.3140



109.6560, -4.7230, 2.9970

Sweetspot

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



110.2030, 9.6740, 0.8900



151.5660, 4.2180, 0.6500



108.1630, 7.1510, 8.0710



76.6690, 2.4300, 0.0140



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

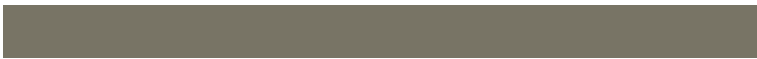
The Same Dimension uses a secret algorithm to generate beautiful new colors.



110.2030, 9.6740, 0.8900



140.2530, 15.4050, 1.6530



115.4860, 7.1990, -3.8170



57.9680, 3.0260, 0.2260



60.2680, 63.7750, 6.1030



122.3080, 128.1920, 11.5840

Inverse Universe

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



110.7970, -9.6740, -0.8900



141.1600, -15.1300, -1.1300



105.5140, -7.1990, 3.8170



58.0320, -3.0260, -0.2260



64.7320, -63.7750, -6.1030



130.2790, -128.4670, -12.1070

Previews

White Background



This preview shows how the YIQ color 110.2030, 9.6740, 0.8900 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 110.2030, 9.6740, 0.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

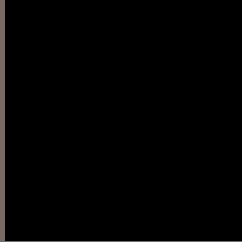
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.2030, 9.6740, 0.8900

Background



This preview shows how black text looks on a background with the YIQ color 110.2030, 9.6740, 0.8900.



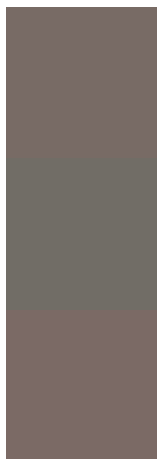
This preview shows how white text looks on a background with the YIQ color 110.2030, 9.6740,

0.8900.

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

110.2030, 9.6740, 0.8900

Protanopia

109.3980, 4.6310, -1.3290

Deuteranopia

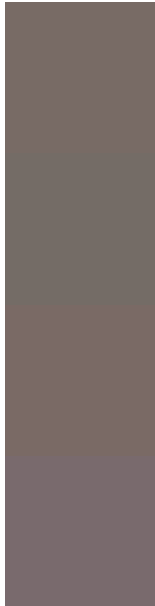
110.5130, 11.7370, 2.0490



Tritanopia

110.9950, 7.5640, 6.0920

Trichromacy



Original Color

110.2030, 9.6740, 0.8900

Protanomaly

109.7080, 6.6940, -0.1700

Deuteranomaly

110.2140, 11.1410, 1.8370

Tritanomaly

110.8270, 7.9770, 4.1130

Monochromacy



Original Color

110.2030, 9.6740, 0.8900

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2030, 9.6740, 0.8900 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(120, 107, 101)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 107, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 107, 101) }
```

Border

The CSS property to change the border of an element to YIQ 110.2030, 9.6740, 0.8900 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(120, 107, 101) }
```


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

```
.border{ border-color:rgb(120, 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(120, 107, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 107, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 107, 101);  
box-shadow:4px 4px 4px 4px rgb(120, 107,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2030, 9.6740, 0.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 107, 101) }
```

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

```
.background{ background-color: rgb(120,  
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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