

Converting Colors

YIQ(109.4700, 13.2960, 1.3280)

Have a look what the booklet for
YIQ(109.4700, 13.2960, 1.3280)
contains.

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Color

**YIQ(109.4700, 13.2960,
1.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6961
RGB	123, 105, 97
RGB Percent	48%, 41%, 38%
CMY	0.5176, 0.5883, 0.6195
CMYK	0.00, 0.15, 0.21, 0.52
HSL	18°, 12%, 43%
HSV	18°, 21%, 48%
XYZ	15.3789, 15.1766, 13.4318
YIQ	109.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

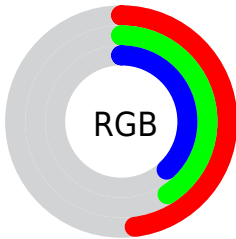
Format	Color
R_{YB}	123, 109, 97
Decimal	8087905
CIE Lab	45.88, 5.75, 7.12
CIE LCh	46, 9.155, 51.057
Yxy	15.1766, 0.3496, 0.3450
Android (android.graphics.Color)	4286277985 (0xFF7B6961)
YUV	109.4700, -6.1477, 11.8658
Hunter-Lab	38.9572, 2.2905, 6.8279

Details

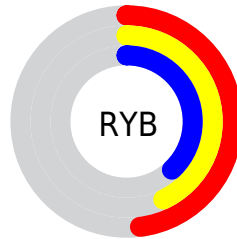
The YIQ color **109.4700, 13.2960, 1.3280** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.5300, -13.2960, -1.3280**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0680, 14.4880, 1.7520**, and **61.9860, 11.7830, 1.2150** is the 20% darker color. If you saturate the color by 10%, you get **102.8190, 19.6230, 2.3030**, and if you desaturate by 10%, it is **116.1210, 6.9690, 0.3530**.

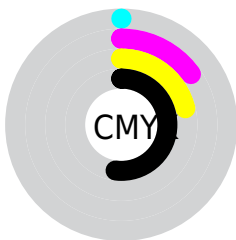
Distribution



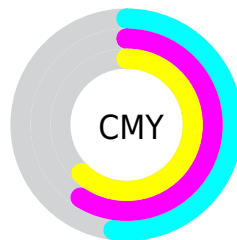
- Red (48%)
- Green (41%)
- Blue (38%)



- Red (48%)
- Yellow (43%)
- Blue (38%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.4700, 13.2960, 1.3280 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 109.4700, 13.2960, 1.3280 by changing the saturation by 10% instead.

■ 109.4700, 13.2960,
1.3280

■ 109.4700, 13.2960,
1.3280

■ 255.0000, -0.0000,
-0.0000

■ 85.1710, 12.7000,
1.1160

■ 161.0680, 14.4880,
1.7520

■ 61.9860, 11.7830,
1.2150

■ 187.9540, 14.8090,
1.4410

■ 39.8010, 10.8660,
1.3140

■ 216.2530, 15.4050,
1.6530

■ 18.5300, 13.0670,
-0.0290

■ 242.7580, 12.4250,
0.5930

■ 0.0000, 0.0000,
0.0000

■ 109.4700, 13.2960,

■ 109.4700, 13.2960,

1.3280

1.3280

■ 102.8190, 19.6230,
2.3030

■ 116.1210, 6.9690,
0.3530

■ 96.6410, 25.9960,
2.4440

■ 122.2990, 0.5960,
0.2120

■ 89.9900, 32.3230,
3.4190

■ 128.9500, -5.7310,
-0.7630

■ 83.9260, 38.3750,
3.8710

■ 135.0140,
-11.7830, -1.2150

■ 77.2750, 44.7020,
4.8460

■ 141.7790,
-18.4310, -1.8790

■ 71.0970, 51.0750,
4.9870

■ 147.8430,
-24.4830, -2.3310

■ 64.4460, 57.4020,
5.9620

■ 154.4940,
-30.8100, -3.3060

■ 59.0830, 62.8580,
6.2020

■ 160.5580,
-36.8620, -3.7580

■ 167.3230,
-43.5100, -4.4220

Harmonies

Analogous

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



110.1650, 12.8370, 4.1410



109.4700, 13.2960, 1.3280



108.5080, 10.1330, -1.9230

Triad

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



109.4700, 13.2960, 1.3280



106.2220, -9.6730, -6.4170



108.8240, -5.1360, 4.9760

Complementary

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



109.4700, 13.2960, 1.3280



110.5300, -13.2960, -1.3280

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.



108.0080, -11.6460, 1.8100



109.4700, 13.2960, 1.3280



105.9380, -14.6250, -4.7770

Square

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



109.4700, 13.2960, 1.3280



106.9300, -2.9790, -6.5870



106.6330, -15.0840, -1.9640



109.7710, 2.3830, 6.3750

Rectangle

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



109.4700, 13.2960, 1.3280



108.1870, 6.6030, -4.0290



106.6330, -15.0840, -1.9640



108.6280, -7.5200, 4.1280

Sweetspot

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



109.4700, 13.2960, 1.3280



155.7510, 5.1350, 0.5510



106.8260, 9.7180, 11.1100



78.9680, 3.0260, 0.2260



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



109.4700, 13.2960, 1.3280



139.8900, 20.8610, 1.8930



117.1010, 9.7210, -5.4710



57.9680, 3.0260, 0.2260



59.6810, 64.0500, 6.6260



120.5470, 129.0170, 13.1530

Inverse Universe

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



110.5300, -13.2960, -1.3280



141.1100, -20.8610, -1.8930



102.8990, -9.7210, 5.4710



58.0320, -3.0260, -0.2260



65.3190, -64.0500, -6.6260



131.4530, -129.0170, -13.1530

Previews

White Background



This preview shows how the YIQ color 109.4700, 13.2960, 1.3280 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 109.4700, 13.2960, 1.3280 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 109.4700, 13.2960, 1.3280

Background



This preview shows how black text looks on a background with the YIQ color 109.4700, 13.2960, 1.3280.

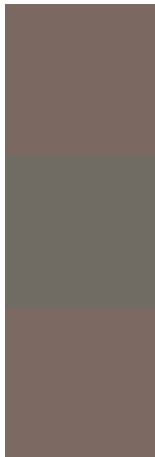


This preview shows how white text looks on a background with the YIQ color 109.4700, 13.2960,

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

109.4700, 13.2960, 1.3280

Protanopia

108.4690, 5.8690, -1.7390

Deuteranopia

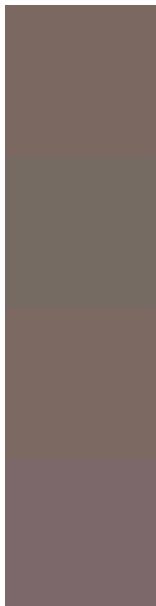
109.7690, 13.8920, 1.5400



Tritanopia

110.4900, 10.5440, 7.1520

Trichromacy



Original Color

109.4700, 13.2960, 1.3280

Protanomaly

108.9640, 8.8490, -0.6790

Deuteranomaly

109.7690, 13.8920, 1.5400

Tritanomaly

110.2080, 11.2780, 4.8620

Monochromacy



Original Color

109.4700, 13.2960, 1.3280

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.4520, 4.5390, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.4700, 13.2960, 1.3280 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(123, 105, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 105, 97)  
}
```

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(123, 105, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 105, 97) }
```

Border

The CSS property to change the border of an element to YIQ 109.4700, 13.2960, 1.3280 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(123, 105, 97) }
```


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

```
.border{ border-color:rgb(123, 105, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 105, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 105, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 105, 97);  
box-shadow:4px 4px 4px 4px rgb(123, 105,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 109.4700, 13.2960, 1.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 105, 97) }
```

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

```
.background{ background-color: rgb(123,  
105, 97) }
```

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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