

Converting Colors

YIQ(109.6960, 33.3310, 7.1790)

Have a look what the booklet for
YIQ(109.6960, 33.3310, 7.1790)
contains.

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Color

**YIQ(109.6960, 33.3310,
7.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	926055
RGB	146, 96, 85
RGB Percent	57%, 38%, 33%
CMY	0.4273, 0.6236, 0.6665
CMYK	0.00, 0.34, 0.42, 0.43
HSL	11°, 26%, 45%
HSV	11°, 42%, 57%
XYZ	17.6812, 15.1320, 10.5907
YIQ	109.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

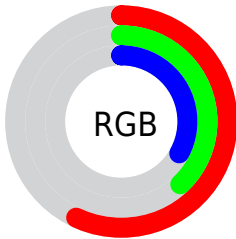
Format	Color
R_{YB}	146, 98, 85
Decimal	9592917
CIE Lab	45.81, 18.99, 14.60
CIE LCh	46, 23.949, 37.558
Yxy	15.1320, 0.4074, 0.3486
Android (android.graphics.Color)	4287782997 (0xFF926055)
YUV	109.6960, -12.1751, 31.8386
Hunter-Lab	38.8998, 13.0593, 11.0879

Details

The YIQ color **109.6960, 33.3310, 7.1790** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **121.3040, -33.3310, -7.1790**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0770, 36.6320, 7.9280**, and **61.1300, 29.1130, 6.5290** is the 20% darker color. If you saturate the color by 10%, you get **100.9420, 41.4460, 8.7900**, and if you desaturate by 10%, it is **118.4500, 25.2160, 5.5680**.

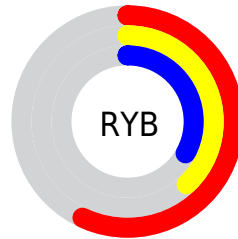
Distribution



Red (57%)

Green (38%)

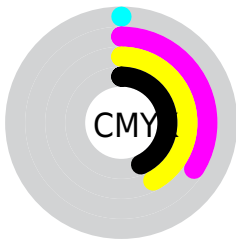
Blue (33%)



Red (57%)

Yellow (38%)

Blue (33%)

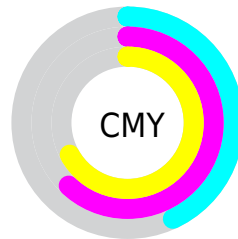


Cyan (0%)

Magenta (34%)

Yellow (42%)

Black (43%)



Cyan (43%)


Magenta (62%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.6960, 33.3310, 7.1790 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 109.6960, 33.3310, 7.1790 by changing the saturation by 10% instead.


 109.6960, 33.3310,
7.1790


 109.6960, 33.3310,
7.1790


255.0000, -0.0000,
-0.0000


 84.9130, 31.2220,
6.8540


 162.0770, 36.6320,
7.9280


 61.1300, 29.1130,
6.5290


 189.2620, 37.5490,
7.8290

 38.4610, 26.6830,
6.5150

 215.6640, 36.3570,
7.4050

 16.0910, 24.8490,
6.7130

 235.2920, 19.6690,
1.4690

 0.5980, 1.1920,
0.4240

 253.7460, 3.5310,
-3.4210

 0.0000, 0.0000,
0.0000

■ 109.6960, 33.3310,
7.1790

■ 109.6960, 33.3310,
7.1790

■ 100.9420, 41.4460,
8.7900

■ 118.4500, 25.2160,
5.5680

■ 92.3020, 49.2400,
10.7120

■ 127.0900, 17.4220,
3.6460

■ 83.5480, 57.3550,
12.3230

■ 135.8440, 9.3070,
2.0350

■ 74.9080, 65.1490,
14.2450

■ 144.4840, 1.5130,
0.1130

■ 66.1540, 73.2640,
15.8560

■ 153.2380, -6.6020,
-1.4980

■ 58.9160, 79.8660,
17.3540

■ 161.9920,
-14.7170, -3.1090

■ 170.6320,
-22.5110, -5.0310

■ 179.3860,

-30.6260, -6.6420

■ 188.0260,
-38.4200, -8.5640

Harmonies

Analogous

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



110.6990, 29.2490, 15.0810



109.6960, 33.3310, 7.1790



108.4470, 29.2980, -2.3340

Triad

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



109.6960, 33.3310, 7.1790



101.3960, -19.3910, -17.5270



107.4660, -24.4390, 7.8890

Complementary

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



109.6960, 33.3310, 7.1790



121.3040, -33.3310, -7.1790

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.



101.3770, -43.6020, -2.7540



109.6960, 33.3310, 7.1790



97.0870, -40.3900, -16.9180

Square

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



109.6960, 33.3310, 7.1790



104.5740, 0.5990, -16.3690



95.9750, -51.5780, -12.3940



110.5290, -2.3870, 15.7330

Rectangle

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



109.6960, 33.3310, 7.1790



107.6370, 22.6510, -8.5250



95.9750, -51.5780, -12.3940



105.6500, -30.9490, 4.7230

Sweetspot

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



109.6960, 33.3310, 7.1790



174.4100, 13.5250, 2.6850



109.0530, 19.9850, 28.7930



85.2460, 8.1150, 1.6110



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



109.6960, 33.3310, 7.1790



132.3840, 51.9450, 11.2490



127.3060, 25.0810, -8.5110



69.6800, 3.8970, 0.9610



55.9370, 75.3730, 16.1810



4.1640, 5.4100, 1.0740

Inverse Universe

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



121.3040, -33.3310, -7.1790



150.6160, -51.9450, -11.2490



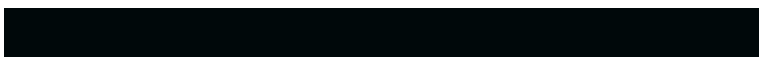
103.6940, -25.0810, 8.5110



71.3200, -3.8970, -0.9610



82.0630, -75.3730, -16.1810



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 109.6960, 33.3310, 7.1790 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 109.6960, 33.3310, 7.1790 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 109.6960, 33.3310, 7.1790

Background



This preview shows how black text looks on a background with the YIQ color 109.6960, 33.3310, 7.1790.



This preview shows how white text looks on a background with the YIQ color 109.6960, 33.3310,

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

109.6960, 33.3310, 7.1790

Protanopia

108.7420, 9.3540, -4.3260

Deuteranopia

108.7820, 21.0450, -1.4430



Tritanopia

110.6450, 29.3410, 13.4130

Trichromacy



Original Color

109.6960, 33.3310, 7.1790

Protanomaly

108.8680, 17.9270, -0.0010

Deuteranomaly

109.2280, 25.7210, 1.9210

Tritanomaly

110.5480, 30.9920, 11.0240

Monochromacy



Original Color

109.6960, 33.3310, 7.1790

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9260, 12.0120, 2.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.6960, 33.3310, 7.1790 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(146, 96, 85)` looks like.

```
.text, #text, p{  
    color:rgb(146, 96, 85)  
}
```

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(146, 96, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 96, 85) }
```

Border

The CSS property to change the border of an element to YIQ 109.6960, 33.3310, 7.1790 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(146, 96, 85) }
```


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

```
.border{ border-color:rgb(146, 96, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 96, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 96, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 96, 85);  
box-shadow:4px 4px 4px 4px rgb(146, 96,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 109.6960, 33.3310, 7.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 96, 85) }
```

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

```
.background{ background-color: rgb(146, 96,  
85) }
```

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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