

Converting Colors

YIQ(109.4790, 35.4400, 7.5040)

Have a look what the booklet for
YIQ(109.4790, 35.4400, 7.5040)
contains.

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Color

**YIQ(109.4790, 35.4400,
7.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	945F53
RGB	148, 95, 83
RGB Percent	58%, 37%, 33%
CMY	0.4195, 0.6275, 0.6744
CMYK	0.00, 0.36, 0.44, 0.42
HSL	11°, 28%, 45%
HSV	11°, 44%, 58%
XYZ	17.8712, 15.1042, 10.1649
YIQ	109.4790, 35.4400, 7.5040

Conversions

Conversions Part 2

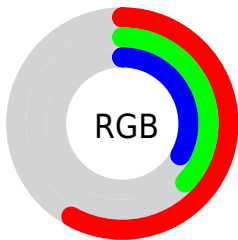
Format	Color
R_{YB}	148, 98, 83
Decimal	9723731
CIE Lab	45.78, 20.17, 15.78
CIE LCh	46, 25.609, 38.047
Yxy	15.1042, 0.4143, 0.3501
Android (android.graphics.Color)	4287913811 (0xFF945F53)
YUV	109.4790, -13.0541, 33.7829
Hunter-Lab	38.8642, 14.0688, 11.6977

Details

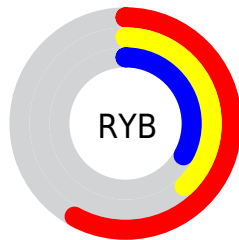
The YIQ color **109.4790, 35.4400, 7.5040** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **121.5210, -35.4400, -7.5040**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8600, 38.7410, 8.2530**, and **60.9130, 31.2220, 6.8540** is the 20% darker color. If you saturate the color by 10%, you get **100.7250, 43.5550, 9.1150**, and if you desaturate by 10%, it is **118.2330, 27.3250, 5.8930**.

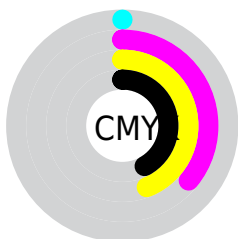
Distribution



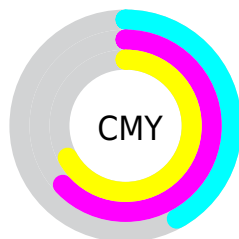
- Red (58%)
- Green (37%)
- Blue (33%)



- Red (58%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (42%)




- Cyan (42%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.4790, 35.4400, 7.5040 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 109.4790, 35.4400, 7.5040 by changing the saturation by 10% instead.


 109.4790, 35.4400,
7.5040

 109.4790, 35.4400,
7.5040


255.0000, -0.0000,
-0.0000


 84.6960, 33.3310,
7.1790


 161.8600, 38.7410,
8.2530


 60.9130, 31.2220,
6.8540


 189.3440, 40.2540,
8.3660


 37.9450, 28.1960,
6.6280

 214.8490, 37.2740,
7.3060

 15.8030, 25.7200,
7.4480

 234.3630, 20.9070,
1.0590

 1.4950, 2.9800,
1.0600

 253.5180, 4.1730,
-4.0430

 0.0000, 0.0000,
0.0000

■ 109.4790, 35.4400,
7.5040

■ 109.4790, 35.4400,
7.5040

■ 100.7250, 43.5550,
9.1150

■ 118.2330, 27.3250,
5.8930

■ 91.9710, 51.6700,
10.7260

■ 126.9870, 19.2100,
4.2820

■ 83.3310, 59.4640,
12.6480

■ 135.6270, 11.4160,
2.3600

■ 74.5770, 67.5790,
14.2590

■ 144.3810, 3.3010,
0.7490

■ 65.8230, 75.6940,
15.8700

■ 153.1350, -4.8140,
-0.8620

■ 60.1010, 80.7830,
17.2550

■ 161.8890,
-12.9290, -2.4730

■ 171.2300,
-21.3190, -4.6070

■ 179.8700,

-29.1130, -6.5290

■ 188.6240,
-37.2280, -8.1400

Harmonies

Analogous

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



110.5960, 31.0370, 15.7170



109.4790, 35.4400, 7.5040



108.4040, 30.8570, -3.0550

Triad

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



109.4790, 35.4400, 7.5040



100.6730, -21.7290, -19.2090



107.5090, -25.9980, 8.6100

Complementary

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



109.4790, 35.4400, 7.5040



121.5210, -35.4400, -7.5040

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.



99.9250, -48.1410, -3.0930



109.4790, 35.4400, 7.5040



95.6950, -45.1580, -18.6140

Square

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



109.4790, 35.4400, 7.5040



104.0470, 0.6450, -17.2030



93.2020, -59.6470, -14.8390



110.7570, -3.0290, 16.3550

Rectangle

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



109.4790, 35.4400, 7.5040



107.2950, 23.6140, -9.4580



93.2020, -59.6470, -14.8390



105.0950, -33.7000, 5.0200

Sweetspot

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



109.4790, 35.4400, 7.5040



176.4100, 13.5250, 2.6850



108.4770, 21.7270, 30.2630



87.5450, 8.7110, 1.8230



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



109.4790, 35.4400, 7.5040



131.3520, 54.9710, 11.4750



128.2630, 26.6400, -9.2320



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.



121.5210, -35.4400, -7.5040



150.2350, -55.2460, -11.9980



102.7370, -26.6400, 9.2320



71.3200, -3.8970, -0.9610



81.4760, -75.0980, -15.6580



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 109.4790, 35.4400, 7.5040 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 109.4790, 35.4400, 7.5040 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 109.4790, 35.4400, 7.5040

Background



This preview shows how black text looks on a background with the YIQ color 109.4790, 35.4400, 7.5040.



This preview shows how white text looks on a background with the YIQ color 109.4790, 35.4400,

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

109.4790, 35.4400, 7.5040

Protanopia

108.5140, 9.9960, -4.9480

Deuteranopia

108.5540, 21.6870, -2.0650



Tritanopia

110.5420, 31.1290, 14.0490

Trichromacy



Original Color

109.4790, 35.4400, 7.5040

Protanomaly

108.9390, 19.1650, -0.4110

Deuteranomaly

109.0000, 26.3630, 1.2990

Tritanomaly

110.4450, 32.7800, 11.6600

Monochromacy



Original Color

109.4790, 35.4400, 7.5040

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.2250, 12.6080, 2.7840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.4790, 35.4400, 7.5040 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(148, 95, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 95, 83)  
}
```

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(148, 95, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 95, 83) }
```

Border

The CSS property to change the border of an element to YIQ 109.4790, 35.4400, 7.5040 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(148, 95, 83) }
```


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

```
.border{ border-color:rgb(148, 95, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 95, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 95, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 95, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 95,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 109.4790, 35.4400, 7.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 95, 83) }
```

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

```
.background{ background-color: rgb(148, 95,  
83) }
```

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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