

Converting Colors

YIQ(115.5700, 33.9260, 12.9180)

Have a look what the booklet for
YIQ(115.5700, 33.9260, 12.9180)
contains.

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Color

**YIQ(115.5700, 33.9260,
12.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6264
RGB	156, 98, 100
RGB Percent	61%, 38%, 39%
CMY	0.3881, 0.6158, 0.6077
CMYK	0.00, 0.37, 0.36, 0.39
HSL	358°, 23%, 50%
HSV	358°, 37%, 61%
XYZ	20.3845, 16.7230, 14.2187
YIQ	115.5700, 33.9260, 12.9180

Conversions

Conversions Part 2

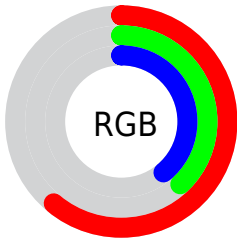
Format	Color
R _Y B	156, 98, 100
Decimal	10248804
CIE Lab	47.91, 23.82, 8.72
CIE LCh	48, 25.364, 20.108
Yxy	16.7230, 0.3972, 0.3258
Android (android.graphics.Color)	4288438884 (0xFF9C6264)
YUV	115.5700, -7.6760, 35.4571
Hunter-Lab	40.8938, 17.4134, 8.0106

Details

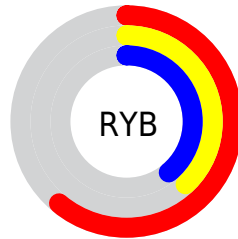
The YIQ color **115.5700, 33.9260, 12.9180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.4300, -33.9260, -12.9180**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0650, 36.9060, 13.9780**, and **66.1890, 30.6250, 12.1690** is the 20% darker color. If you saturate the color by 10%, you get **104.4680, 43.1410, 16.6210**, and if you desaturate by 10%, it is **126.6720, 24.7110, 9.2150**.

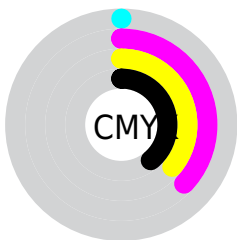
Distribution



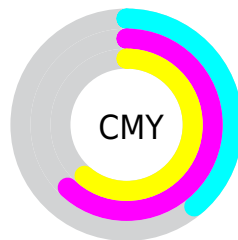
- Red (61%)
- Green (38%)
- Blue (39%)



- Red (61%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (37%)
- Yellow (36%)
- Black (39%)





- Cyan (39%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.5700, 33.9260, 12.9180 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 115.5700, 33.9260, 12.9180 by changing the saturation by 10% instead.


 115.5700, 33.9260,
12.9180

 115.5700, 33.9260,
12.9180


255.0000, -0.0000,
-0.0000


 90.6730, 32.1380,
12.2820


 168.0650, 36.9060,
13.9780


 66.3030, 30.3040,
12.4800


 195.5490, 38.4190,
14.0910

 43.1070, 27.9200,
11.6320

 219.3630, 30.0750,
11.1230

 19.8080, 27.3240,
11.4200

 238.9910, 13.3870,
5.1870

 8.4860, 16.3670,
6.2470

 0.0000, 0.0000,
0.0000

■ 115.5700, 33.9260,
12.9180

■ 115.5700, 33.9260,
12.9180

■ 104.4680, 43.1410,
16.6210

■ 126.6720, 24.7110,
9.2150

■ 93.9530, 52.0810,
19.8010

■ 137.1870, 15.7710,
6.0350

■ 82.8510, 61.2960,
23.5040

■ 148.2890, 6.5560,
2.3320

■ 72.3360, 70.2360,
26.6840

■ 158.8040, -2.3840,
-0.8480

■ 61.2340, 79.4510,
30.3870

■ 169.9060,
-11.5990, -4.5510

■ 50.1320, 88.6660,
34.0900


■ 181.0080,
-20.8140, -8.2540

■ 47.3280, 91.0500,
34.9380

■ 191.5230,
-29.7540, -11.4340

■ 202.6250,

-38.9690, -15.1370

 213.1400,
-47.9090, -18.3170

Harmonies

Analogous

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



116.5830, 23.8840, 18.7000



115.5700, 33.9260, 12.9180



114.6590, 34.7530, 3.4330

Triad

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



115.5700, 33.9260, 12.9180



108.0290, -8.1120, -18.1920



108.7630, -38.6970, 1.9670

Complementary

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



115.5700, 33.9260, 12.9180



138.4300, -33.9260, -12.9180

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.



101.7020, -55.0630, -9.8070



115.5700, 33.9260, 12.9180



104.2960, -30.8530, -19.0530

Square

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



115.5700, 33.9260, 12.9180



111.0870, 12.3360, -14.3200



99.9270, -51.6230, -17.0870



114.4070, -16.7830, 12.3130

Rectangle

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



115.5700, 33.9260, 12.9180



113.1050, 30.2610, -3.2670



99.9270, -51.6230, -17.0870



106.4200, -45.1610, -2.0330

Sweetspot

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



115.5700, 33.9260, 12.9180



188.5780, 13.1120, 4.6640



121.0570, 14.1620, 29.6980



92.8870, 7.7480, 2.7560



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



115.5700, 33.9260, 12.9180



139.8500, 53.8690, 20.4370



130.6040, 27.4180, -1.3020



73.3920, 4.7680, 1.6960



43.3270, 83.6230, 31.8710



4.5990, 8.6190, 3.4910

Inverse Universe

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



115.5700, 33.9260, 12.9180



139.8500, 53.8690, 20.4370



123.3960, -27.4180, 1.3020



73.3920, 4.7680, 1.6960



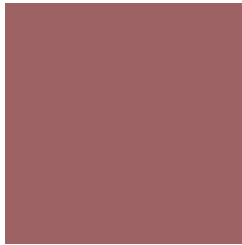
43.3270, 83.6230, 31.8710



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 115.5700, 33.9260, 12.9180 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 115.5700, 33.9260, 12.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

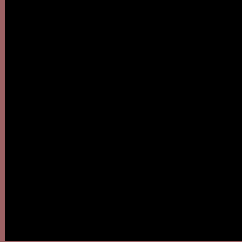
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.5700, 33.9260, 12.9180

Background



This preview shows how black text looks on a background with the YIQ color 115.5700, 33.9260, 12.9180.



This preview shows how white text looks on a background with the YIQ color 115.5700, 33.9260,

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

115.5700, 33.9260, 12.9180

Protanopia

114.2130, 3.7140, -1.2300

Deuteranopia

114.9110, 16.3680, 0.7200



Tritanopia

115.5530, 32.5960, 14.9960

Trichromacy



Original Color

115.5700, 33.9260, 12.9180

Protanomaly

114.5350, 14.6710, 3.9430

Deuteranomaly

115.3680, 22.5110, 5.0310

Tritanomaly

115.3250, 33.2380, 14.3740

Monochromacy



Original Color

115.5700, 33.9260, 12.9180

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.6920, 12.7910, 4.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5700, 33.9260, 12.9180 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(156, 98, 100)` looks like.

```
.text, #text, p{  
    color:rgb(156, 98, 100)  
}
```

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(156, 98, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 98, 100) }
```

Border

The CSS property to change the border of an element to YIQ 115.5700, 33.9260, 12.9180 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(156, 98, 100) }
```


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

```
.border{ border-color:rgb(156, 98, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 98, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 98, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 98, 100);  
box-shadow:4px 4px 4px 4px rgb(156, 98,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5700, 33.9260, 12.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 98, 100) }
```

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

```
.background{ background-color: rgb(156, 98,  
100) }
```

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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