

Converting Colors

YIQ(115.7310, 43.4180, 6.0900)

Have a look what the booklet for
YIQ(115.7310, 43.4180, 6.0900)
contains.

YIQ(115.7310, 43.4180, 6.0900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(115.7310, 43.4180,
6.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	A1644E
RGB	161, 100, 78
RGB Percent	63%, 39%, 31%
CMY	0.3685, 0.6079, 0.6939
CMYK	0.00, 0.38, 0.52, 0.37
HSL	16°, 35%, 47%
HSV	16°, 52%, 63%
XYZ	20.6363, 17.2407, 9.4569
YIQ	115.7310, 43.4180, 6.0900

Conversions

Conversions Part 2

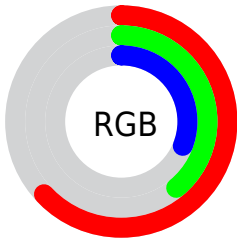
Format	Color
R_{YB}	161, 108, 78
Decimal	10576974
CIE Lab	48.56, 22.23, 22.74
CIE LCh	49, 31.804, 45.650
Yxy	17.2407, 0.4360, 0.3642
Android (android.graphics.Color)	4288767054 (0xFFA1644E)
YUV	115.7310, -18.6014, 39.7009
Hunter-Lab	41.5219, 16.0506, 15.5616

Details

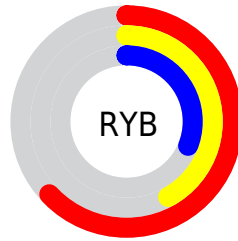
The YIQ color **115.7310, 43.4180, 6.0900** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123.2690, -43.4180, -6.0900**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2970, 47.6360, 6.7400**, and **65.9800, 38.2830, 5.5390** is the 20% darker color. If you saturate the color by 10%, you get **106.8630, 51.8540, 7.3900**, and if you desaturate by 10%, it is **124.5990, 34.9820, 4.7900**.

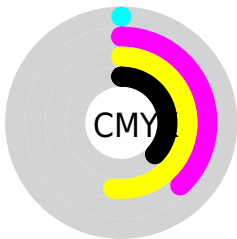
Distribution



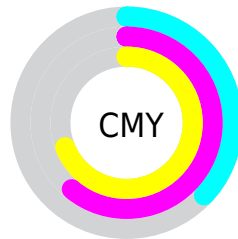
- Red (63%)
- Green (39%)
- Blue (31%)



- Red (63%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (37%)





- Cyan (37%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.7310, 43.4180, 6.0900 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 115.7310, 43.4180, 6.0900 by changing the saturation by 10% instead.


 115.7310, 43.4180,
6.0900


 115.7310, 43.4180,
6.0900


255.0000, -0.0000,
-0.0000


 90.6490, 40.7130,
5.5530


 168.2970, 47.6360,
6.7400


 65.9800, 38.2830,
5.5390


 196.0800, 49.7450,
7.0650

 42.8980, 35.5780,
5.0020

 217.6870, 37.5500,
2.3020

 20.8420, 29.9840,
7.2640

 237.3150, 20.8620,
-3.6340

 9.0840, 17.5590,
6.6710

 252.8340, 6.0990,
-5.9090

 0.0000, 0.0000,
0.0000

■ 115.7310, 43.4180,
6.0900

■ 115.7310, 43.4180,
6.0900

■ 106.8630, 51.8540,
7.3900

■ 124.5990, 34.9820,
4.7900

■ 97.9950, 60.2900,
8.6900

■ 133.4670, 26.5460,
3.4900

■ 89.1270, 68.7260,
9.9900

■ 142.3350, 18.1100,
2.1900

■ 80.8460, 76.8870,
10.7670

■ 150.6160, 9.9490,
1.4130

■ 73.3800, 84.1310,
11.6430

■ 159.5980, 1.1920,
0.4240

■ 168.4660, -7.2440,
-0.8760

■ 177.3340,
-15.6800, -2.1760

■ 186.2020,

-24.1160, -3.4760

■ 195.0700,
-32.5520, -4.7760

Harmonies

Analogous

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



116.7390, 40.9400, 17.9640



115.7310, 43.4180, 6.0900



114.2210, 35.6260, -6.8860

Triad

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



115.7310, 43.4180, 6.0900



102.4860, -37.5000, -25.2440



114.6710, -26.2740, 13.6140

Complementary

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



115.7310, 43.4180, 6.0900



123.2690, -43.4180, -6.0900

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.



104.4060, -59.7410, -2.1170



115.7310, 43.4180, 6.0900



90.4290, -76.8840, -27.3480

Square

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



115.7310, 43.4180, 6.0900



108.4650, -6.6440, -22.7720



91.9910, -84.0380, -18.8380



118.5670, 3.6180, 22.5460

Rectangle

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



115.7310, 43.4180, 6.0900



112.4320, 24.4860, -14.2500



91.9910, -84.0380, -18.8380



112.1750, -36.6810, 9.4870

Sweetspot

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



115.7310, 43.4180, 6.0900



191.9650, 16.2760, 2.3880



109.8850, 29.5660, 36.8780



94.6160, 9.9490, 1.4130



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



115.7310, 43.4180, 6.0900



138.4150, 67.8550, 9.2550



139.2110, 32.4180, -14.8300



77.4520, 4.5390, 0.3390



65.6610, 75.9700, 10.8660



8.3170, 9.3530, 1.2010

Inverse Universe

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



123.2690, -43.4180, -6.0900



150.1720, -68.1300, -9.7780



99.7890, -32.4180, 14.8300



77.5480, -4.5390, -0.3390



79.3390, -75.9700, -10.8660



9.6830, -9.3530, -1.2010

Previews

White Background



This preview shows how the YIQ color 115.7310, 43.4180, 6.0900 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 115.7310, 43.4180, 6.0900 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 115.7310, 43.4180, 6.0900

Background



This preview shows how black text looks on a background with the YIQ color 115.7310, 43.4180, 6.0900.



This preview shows how white text looks on a background with the YIQ color 115.7310, 43.4180,

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

115.7310, 43.4180, 6.0900

Protanopia

114.8580, 14.7190, -7.9450

Deuteranopia

115.3820, 27.9230, -4.9490



Tritanopia

116.9450, 37.3640, 16.6920

Trichromacy



Original Color

115.7310, 43.4180, 6.0900

Protanomaly

114.8810, 25.0800, -2.9840

Deuteranomaly

115.5400, 33.4700, -0.8500

Tritanomaly

116.2070, 39.3820, 13.1580

Monochromacy



Original Color

115.7310, 43.4180, 6.0900

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.6660, 15.6800, 2.1760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7310, 43.4180, 6.0900 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(161, 100, 78)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 78)  
}
```

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(161, 100, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 78) }
```

Border

The CSS property to change the border of an element to YIQ 115.7310, 43.4180, 6.0900 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(161, 100, 78) }
```


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

```
.border{ border-color:rgb(161, 100, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 100, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 100, 78);  
box-shadow:4px 4px 4px 4px rgb(161, 100,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7310, 43.4180, 6.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 78) }
```

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

```
.background{ background-color: rgb(161,  
100, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor