

Converting Colors

YIQ(116.4510, 41.8110, 18.6990)

Have a look what the booklet for
YIQ(116.4510, 41.8110, 18.6990)
contains.

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Color

**YIQ(116.4510, 41.8110,
18.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	A85D66
RGB	168, 93, 102
RGB Percent	66%, 36%, 40%
CMY	0.3410, 0.6354, 0.5998
CMYK	0.00, 0.45, 0.39, 0.34
HSL	353°, 30%, 51%
HSV	353°, 45%, 66%
XYZ	22.4703, 17.1133, 14.6998
YIQ	116.4510, 41.8110, 18.6990

Conversions

Conversions Part 2

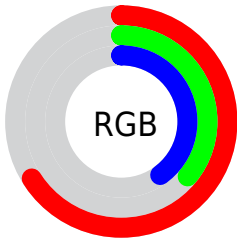
Format	Color
R_{YB}	168, 93, 102
Decimal	11033958
CIE Lab	48.40, 31.57, 8.44
CIE LCh	48, 32.679, 14.965
Yxy	17.1133, 0.4139, 0.3153
Android (android.graphics.Color)	4289224038 (0xFFA85D66)
YUV	116.4510, -7.1243, 45.2085
Hunter-Lab	41.3682, 24.5631, 7.8896

Details

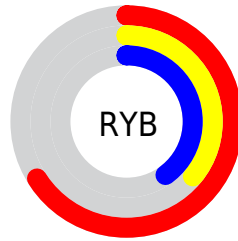
The YIQ color **116.4510, 41.8110, 18.6990** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **144.5490, -41.8110, -18.6990**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8320, 45.1120, 19.4480**, and **65.8850, 37.5930, 18.0490** is the 20% darker color. If you saturate the color by 10%, you get **104.7620, 51.3010, 22.9250**, and if you desaturate by 10%, it is **128.1400, 32.3210, 14.4730**.

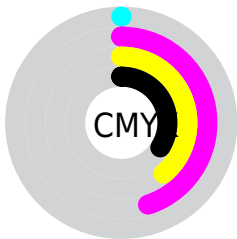
Distribution



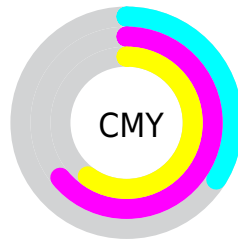
- Red (66%)
- Green (36%)
- Blue (40%)



- Red (66%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (39%)
- Black (34%)





- Cyan (34%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.4510, 41.8110, 18.6990 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 116.4510, 41.8110, 18.6990 by changing the saturation by 10% instead.


 116.4510, 41.8110,
18.6990


 116.4510, 41.8110,
18.6990


255.0000, -0.0000,
-0.0000


 90.6680, 39.7020,
18.3740


 169.8320, 45.1120,
19.4480


 65.8850, 37.5930,
18.0490


 197.7290, 46.9000,
20.0840


 41.6290, 35.4380,
18.5580

 216.6560, 30.8080,
14.3600

 19.6070, 32.5040,
16.6640

 236.8710, 13.8450,
7.9010

 11.4760, 22.3270,
8.3670

 0.0000, 0.0000,
0.0000

■ 116.4510, 41.8110,
18.6990

■ 116.4510, 41.8110,
18.6990

■ 104.7620, 51.3010,
22.9250

■ 128.1400, 32.3210,
14.4730

■ 93.0730, 60.7910,
27.1510

■ 139.8290, 22.8310,
10.2470

■ 82.0850, 69.6850,
31.1650

■ 150.8170, 13.9370,
6.2330

■ 70.3960, 79.1750,
35.3910

■ 162.5060, 4.4470,
2.0070

■ 58.7070, 88.6650,
39.6170

■ 174.1950, -5.0430,
-2.2190


■ 52.5120, 93.7080,
41.8360

■ 185.8840,
-14.5330, -6.4450

■ 197.4590,
-23.7020, -10.9820

■ 208.5610,

-32.9170, -14.6850

 220.2500,
-42.4070, -18.9110

Harmonies

Analogous

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



117.8380, 27.7800, 25.1880



116.4510, 41.8110, 18.6990



115.3290, 44.6100, 6.5140

Triad

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



116.4510, 41.8110, 18.6990



108.2370, -6.0020, -23.3940



102.4270, -64.2340, -3.2900

Complementary

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



116.4510, 41.8110, 18.6990



144.5490, -41.8110, -18.6990

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.



91.9910, -84.0380, -18.8380



116.4510, 41.8110, 18.6990



101.1870, -38.0960, -25.4560

Square

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



116.4510, 41.8110, 18.6990



111.6870, 19.2140, -17.8260



90.3150, -76.5630, -27.6590



114.1870, -27.7870, 13.5010

Rectangle

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



116.4510, 41.8110, 18.6990



114.1940, 40.2560, -2.6880



90.3150, -76.5630, -27.6590



91.7830, -86.1480, -13.6360

Sweetspot

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



116.4510, 41.8110, 18.6990



199.7140, 15.7250, 6.8690



120.9850, 14.6650, 37.1050



97.6100, 10.0860, 4.4380



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.4510, 41.8110, 18.6990



137.8780, 65.8340, 29.3700



131.8610, 37.0000, 1.2560



78.5060, 4.4470, 2.0070



46.3040, 82.4300, 36.9740



6.2080, 11.2780, 4.8620

Inverse Universe

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



116.4510, 41.8110, 18.6990



137.8780, 65.8340, 29.3700



129.7260, -37.2750, -1.7790



78.5060, 4.4470, 2.0070



46.3040, 82.4300, 36.9740



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 116.4510, 41.8110, 18.6990 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 116.4510, 41.8110, 18.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

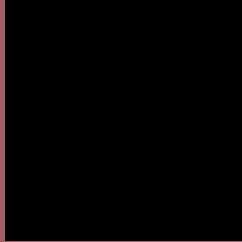
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.4510, 41.8110, 18.6990

Background



This preview shows how black text looks on a background with the YIQ color 116.4510, 41.8110, 18.6990.



This preview shows how white text looks on a background with the YIQ color 116.4510, 41.8110,

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

116.4510, 41.8110, 18.6990

Protanopia

115.7830, 2.1090, 0.3250

Deuteranopia

115.9110, 16.3680, 0.7200



Tritanopia

116.2230, 42.4530, 18.0770

Trichromacy



Original Color

116.4510, 41.8110, 18.6990

Protanomaly

116.0130, 16.3210, 7.0810

Deuteranomaly

115.8030, 25.7200, 7.4480

Tritanomaly

116.3370, 42.1320, 18.3880

Monochromacy



Original Color

116.4510, 41.8110, 18.6990

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.4150, 15.1290, 6.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.4510, 41.8110, 18.6990 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(168, 93, 102)` looks like.

```
.text, #text, p{  
    color:rgb(168, 93, 102)  
}
```

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(168, 93, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 93, 102) }
```

Border

The CSS property to change the border of an element to YIQ 116.4510, 41.8110, 18.6990 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(168, 93, 102) }
```


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

```
.border{ border-color:rgb(168, 93, 102) }
```

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

Here you see how a box with a 4 pixel rgb(168, 93, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 93, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 93, 102);  
box-shadow:4px 4px 4px 4px rgb(168, 93,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 116.4510, 41.8110, 18.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 93, 102) }
```

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

```
.background{ background-color: rgb(168, 93,  
102) }
```

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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