

Converting Colors

YIQ(115.5200, 0.6910, -18.0370)

Have a look what the booklet for
YIQ(115.5200, 0.6910, -18.0370)
contains.

YIQ(115.5200, 0.6910, -18.0370)	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(115.5200, 0.6910,
-18.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	697F54
RGB	105, 127, 84
RGB Percent	41%, 50%, 33%
CMY	0.5883, 0.5019, 0.6705
CMYK	0.17, 0.00, 0.34, 0.50
HSL	91°, 20%, 41%
HSV	91°, 34%, 50%
XYZ	15.0145, 18.8234, 11.2313
YIQ	115.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

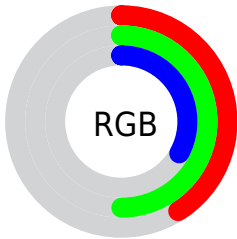
Format	Color
RYB	84, 127, 106
Decimal	6913876
CIELab	50.48, -16.26, 20.82
CIElCh	50, 26.422, 127.989
Yxy	18.8234, 0.3331, 0.4177
Android (android.graphics.Color)	4285103956 (0xFF697F54)
YUV	115.5200, -15.5394, -9.2260
Hunter-Lab	43.3859, -14.1522, 15.0217

Details

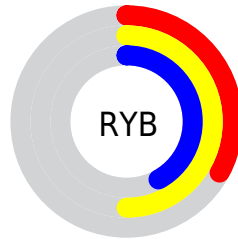
The YIQ color $115.5200, 0.6910, -18.0370$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $95.4800, -0.6910, 18.0370$, and the grayscale version is $116.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $167.8790, 1.0580, -19.1820$, and $67.1610, 0.3240, -16.8920$ is the 20% darker color. If you saturate the color by 10%, you get $111.9450, 0.6920, -23.5640$, and if you desaturate by 10%, it is $118.7960, 0.0940, -12.7220$.

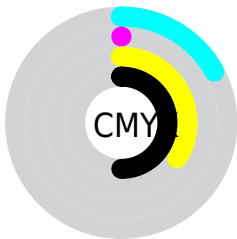
Distribution



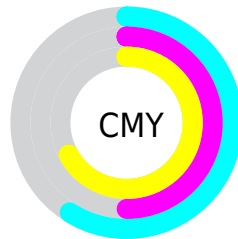
- Red (41%)
- Green (50%)
- Blue (33%)



- Red (33%)
- Yellow (50%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (34%)
- Black (50%)
















- Cyan (59%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.5200, 0.6910, -18.0370 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 115.5200, 0.6910, -18.0370 by changing the saturation by 10% instead.

 115.5200, 0.6910, -18.0370	 115.5200, 0.6910, -18.0370
255.0000, -0.0000, -0.0000	 90.7480, 0.0490, -17.4150
 167.8790, 1.0580, -19.1820	 67.1610, 0.3240, -16.8920
 194.7650, 1.3790, -19.4930	 44.3890, -0.3180, -16.2700
 223.2380, 1.4250, -20.3270	 23.8560, -0.1350, -14.0790
 245.9550, 3.9000, -15.6200	 1.7610, -0.8250, -1.5690
 253.7460, 3.5310, -3.4210	 0.0000, 0.0000, 0.0000

■ 115.5200, 0.6910,
-18.0370

■ 115.5200, 0.6910,
-18.0370

■ 111.9450, 0.6920,
-23.5640

■ 118.7960, 0.0940,
-12.7220

■ 108.7830, 0.9680,
-28.5680

■ 122.2570, 0.4140,
-7.5060

■ 105.2080, 0.9690,
-34.0950

■ 125.8320, 0.4130,
-1.9790

■ 101.9320, 1.5660,
-39.4100

■ 129.1080, -0.1840,
3.3360

■ 98.4710, 1.2460,
-44.6260

■ 132.6830, -0.1850,
8.8630

■ 95.1950, 1.8430,
-49.9410

■ 135.8450, -0.4610,
13.8670

■ 93.0870, 2.0270,
-53.2770

■ 139.4200, -0.4620,
19.3940

■ 142.6960, -1.0590,

24.7090

■ 146.1570, -0.7390,
29.9250

Harmonies

Analogous

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



118.4470, 20.1300, -12.3980



115.5200, 0.6910, -18.0370



111.9610, -22.6000, -19.9440

Triad

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



115.5200, 0.6910, -18.0370



111.7400, -49.0580, -2.9940



122.6070, 32.5040, 16.6640

Complementary

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



115.5200, 0.6910, -18.0370



95.4800, -0.6910, 18.0370

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.



123.2990, 18.9320, 20.3400



115.5200, 0.6910, -18.0370



118.7370, -26.6400, 9.2320

Square

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



115.5200, 0.6910, -18.0370



105.6150, -59.3720, -14.3160



122.6970, -2.8000, 17.7120



121.3760, 37.2280, 8.1400

Rectangle

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



115.5200, 0.6910, -18.0370



108.8760, -38.4180, -19.6180



122.6970, -2.8000, 17.7120



122.9210, 28.7440, 18.7280

Sweetspot

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



115.5200, 0.6910, -18.0370



161.3710, 0.0930, -7.1950



109.7710, 19.5780, -2.3900



81.3650, 0.2300, -4.1700



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



115.5200, 0.6910, -18.0370



147.7830, 0.9680, -28.5680



109.2410, -11.8250, -22.4890



62.0060, -0.1370, -3.0250



93.6740, 1.7520, -53.8000



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.4800, -0.6910, 18.0370



116.2170, -0.9680, 28.5680



101.7590, 11.8250, 22.4890



58.9940, 0.1370, 3.0250



34.0270, -2.3480, 53.5880



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.5200, 0.6910, -18.0370 looks on a white 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

Black Background



This preview shows how the YIQ color 115.5200, 0.6910, -18.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

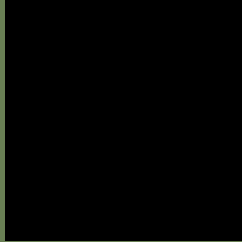
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.5200, 0.6910, -18.0370

Background



This preview shows how black text looks on a background with the YIQ color 115.5200, 0.6910, -18.0370.



This preview shows how white text looks on a background with the YIQ color 115.5200, 0.6910,

-18.0370.

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

115.5200, 0.6910, -18.0370

Protanopia

118.5440, 18.4790, -10.0090

Deuteranopia

119.8810, 25.0800, -2.9840



Tritanopia

119.4490, -8.5740, 1.2020

Trichromacy



Original Color

115.5200, 0.6910, -18.0370

Protanomaly

117.7280, 11.9690, -13.1750

Deuteranomaly

118.2280, 16.5530, -8.1430

Tritanomaly

117.7880, -5.4550, -5.7670

Monochromacy



Original Color

115.5200, 0.6910, -18.0370

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7840, 0.3680, -6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5200, 0.6910, -18.0370 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(105, 127, 84)` looks like.

```
.text, #text, p{  
    color:rgb(105, 127, 84)  
}
```

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(105, 127, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 127, 84) }
```

Border

The CSS property to change the border of an element to YIQ 115.5200, 0.6910, -18.0370 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(105, 127, 84) }
```


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

```
.border{ border-color:rgb(105, 127, 84) }
```

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

Here you see how a box with a 4 pixel rgb(105, 127, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 127, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 127, 84);  
box-shadow:4px 4px 4px 4px rgb(105, 127,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5200, 0.6910, -18.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 127, 84) }
```

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

```
.background{ background-color: rgb(105,  
127, 84) }
```

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