

Converting Colors

YIQ(115.1280, 5.0910, -9.6690)

Have a look what the booklet for
YIQ(115.1280, 5.0910, -9.6690)
contains.

YIQ(115.1280, 5.0910, -9.6690)	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(115.1280, 5.0910,
-9.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	72785D
RGB	114, 120, 93
RGB Percent	45%, 47%, 36%
CMY	0.5530, 0.5294, 0.6352
CMYK	0.05, 0.00, 0.22, 0.53
HSL	73°, 13%, 42%
HSV	73°, 22%, 47%
XYZ	15.6314, 17.8009, 12.9704
YIQ	115.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

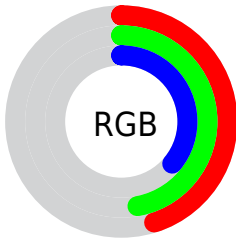
Format	Color
R_{YB}	93, 120, 99
Decimal	7501917
CIE Lab	49.25, -7.33, 14.10
CIE LCh	49, 15.888, 117.455
Yxy	17.8009, 0.3369, 0.3836
Android (android.graphics.Color)	4285691997 (0xFF72785D)
YUV	115.1280, -10.9091, -0.9893
Hunter-Lab	42.1911, -7.7019, 11.3068

Details

The YIQ color **115.1280, 5.0910, -9.6690** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **97.8720, -5.0910, 9.6690**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9000, 5.7330, -10.2910**, and **67.3560, 4.4490, -9.0470** is the 20% darker color. If you saturate the color by 10%, you get **112.8630, 7.1550, -14.0370**, and if you desaturate by 10%, it is **117.3930, 3.0270, -5.3010**.

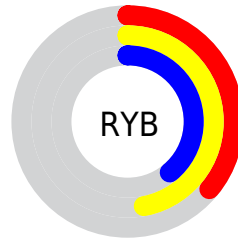
Distribution



Red (45%)

Green (47%)

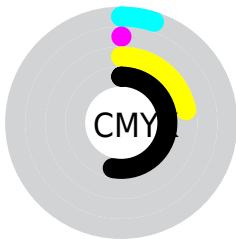
Blue (36%)



Red (36%)

Yellow (47%)

Blue (39%)

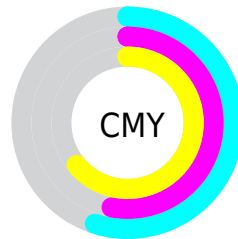


Cyan (5%)

Magenta (0%)

Yellow (22%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1280, 5.0910, -9.6690 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 115.1280, 5.0910, -9.6690 by changing the saturation by 10% instead.

■ 115.1280, 5.0910,
-9.6690

■ 115.1280, 5.0910,
-9.6690

255.0000, -0.0000,
-0.0000

■ 90.2420, 4.7700,
-9.3580

■ 166.9000, 5.7330,
-10.2910

■ 67.3560, 4.4490,
-9.0470

■ 194.4870, 5.4580,
-10.8140

■ 44.5840, 3.8070,
-8.4250

■ 222.3730, 5.7790,
-11.1250

■ 23.6120, 6.6040,
-9.5560

■ 250.0850, 6.6500,
-10.3900

■ 0.0000, 0.0000,
0.0000

254.8860, 0.3210,
-0.3110

■ 115.1280, 5.0910,
-9.6690

■ 115.1280, 5.0910,
-9.6690

■ 112.8630, 7.1550,
-14.0370

■ 117.3930, 3.0270,
-5.3010

■ 110.8970, 9.8150,
-18.1930

■ 119.3590, 0.3670,
-1.1450

■ 108.6320, 11.8790,
-22.5610

■ 121.6240, -1.6970,
3.2230

■ 106.3670, 13.9430,
-26.9290

■ 123.8890, -3.7610,
7.5910

■ 104.4010, 16.6030,
-31.0850

■ 125.8550, -6.4210,
11.7470

■ 102.1360, 18.6670,
-35.4530

■ 128.1200, -8.4850,
16.1150

■ 99.8710, 20.7310,
-39.8210

■ 130.3850,
-10.5490, 20.4830

■ 98.2470, 22.4280,

■ 132.3510,

-43.0440

-13.2090, 24.6390

■ 134.6160,
-15.2730, 29.0070

Harmonies

Analogous

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



116.6240, 15.4980, -5.5420



115.1280, 5.0910, -9.6690



113.4300, -7.5630, -11.6190

Triad

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



115.1280, 5.0910, -9.6690



112.8750, -27.5090, -2.5570



119.7190, 17.3290, 10.8410

Complementary

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



115.1280, 5.0910, -9.6690



97.8720, -5.0910, 9.6690

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.



119.3850, 6.6460, 11.7180



115.1280, 5.0910, -9.6690



116.1690, -19.3490, 3.7470

Square

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



115.1280, 5.0910, -9.6690



111.4140, -27.8290, -7.7730



118.2740, -6.2830, 9.2450



118.7210, 23.0150, 6.9110

Rectangle

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



115.1280, 5.0910, -9.6690



112.0530, -16.6870, -11.4630



118.2740, -6.2830, 9.2450



119.5770, 14.8530, 11.6610

Sweetspot

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



115.1280, 5.0910, -9.6690



153.8490, 1.7430, -4.0570



104.5950, 14.4420, 2.5860



78.0170, 1.3300, -2.0780



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



115.1280, 5.0910, -9.6690



148.2220, 7.5220, -15.1820



111.2410, -2.6570, -12.4250



60.0170, 1.3300, -2.0780



102.3780, 23.4370, -44.8110



206.5280, 47.5160, -90.2440

Inverse Universe

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



97.8720, -5.0910, 9.6690



121.4790, -8.1180, 14.9700



101.7590, 2.6570, 12.4250



55.9830, -1.3300, 2.0780



22.6220, -23.4370, 44.8110



45.4720, -47.5160, 90.2440

Previews

White Background



This preview shows how the YIQ color 115.1280, 5.0910, -9.6690 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 115.1280, 5.0910, -9.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

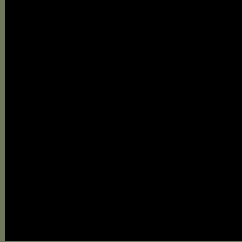
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.1280, 5.0910, -9.6690

Background



This preview shows how black text looks on a background with the YIQ color 115.1280, 5.0910, -9.6690.



This preview shows how white text looks on a background with the YIQ color 115.1280, 5.0910,

-9.6690.

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

115.1280, 5.0910, -9.6690

Protanopia

116.5420, 12.7930, -6.0790

Deuteranopia

117.2380, 19.7610, -0.1990



Tritanopia

117.6240, -1.6970, 3.2230

Trichromacy



Original Color

115.1280, 5.0910, -9.6690

Protanomaly

115.9330, 10.1340, -7.4500

Deuteranomaly

116.4930, 14.4890, -3.7750

Tritanomaly

116.5440, 1.2840, -1.2440

Monochromacy



Original Color

115.1280, 5.0910, -9.6690

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2620, 2.0180, -3.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1280, 5.0910, -9.6690 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(114, 120, 93)` looks like.

```
.text, #text, p{  
    color:rgb(114, 120, 93)  
}
```

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(114, 120, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 120, 93) }
```

Border

The CSS property to change the border of an element to YIQ 115.1280, 5.0910, -9.6690 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(114, 120, 93) }
```


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

```
.border{ border-color:rgb(114, 120, 93) }
```

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

Here you see how a box with a 4 pixel rgb(114, 120, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 120, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 120, 93);  
box-shadow:4px 4px 4px 4px rgb(114, 120,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1280, 5.0910, -9.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 120, 93) }
```

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

```
.background{ background-color: rgb(114,  
120, 93) }
```

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