

Converting Colors

YIQ(115.6140, 12.2900,
-13.4860)

Have a look what the booklet for
YIQ(115.6140, 12.2900, -13.4860)
contains.

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Color

**YIQ(115.6140, 12.2900,
-13.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	77794F
RGB	119, 121, 79
RGB Percent	47%, 47%, 31%
CMY	0.5334, 0.5255, 0.6901
CMYK	0.02, 0.00, 0.35, 0.53
HSL	63°, 21%, 39%
HSV	63°, 35%, 47%
XYZ	15.8562, 18.1611, 10.0708
YIQ	115.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

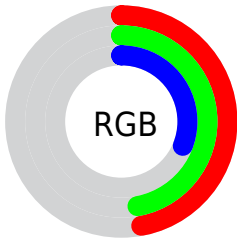
Format	Color
R_{YB}	79, 121, 81
Decimal	7829839
CIE Lab	49.69, -7.90, 22.81
CIE LCh	50, 24.143, 109.108
Yxy	18.1611, 0.3596, 0.4119
Android (android.graphics.Color)	4286019919 (0xFF77794F)
YUV	115.6140, -18.0507, 2.9695
Hunter-Lab	42.6159, -8.1629, 15.8199

Details

The YIQ color $115.6140, 12.2900, -13.4860$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $84.3860, -12.2900, 13.4860$, and the grayscale version is $116.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $167.6850, 13.5280, -13.8960$, and $67.5430, 11.0520, -13.0760$ is the 20% darker color. If you saturate the color by 10%, you get $113.9470, 15.5460, -17.4300$, and if you desaturate by 10%, it is $117.2810, 9.0340, -9.5420$.

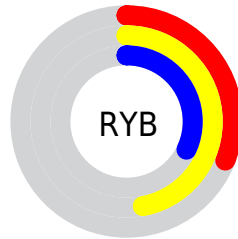
Distribution



Red (47%)

Green (47%)

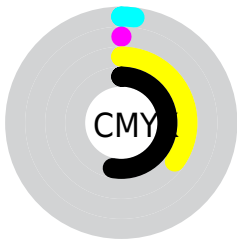
Blue (31%)



Red (31%)

Yellow (47%)

Blue (32%)

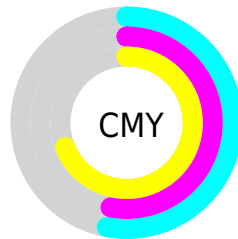


Cyan (2%)

Magenta (0%)

Yellow (35%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6140, 12.2900, -13.4860 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 115.6140, 12.2900, -13.4860 by changing the saturation by 10% instead.

■ 115.6140, 12.2900,
-13.4860

■ 115.6140, 12.2900,
-13.4860

■ 255.0000, -0.0000,
-0.0000

■ 90.8420, 11.6480,
-12.8640

■ 167.6850, 13.5280,
-13.8960

■ 67.6570, 10.7310,
-12.7650

■ 195.1580, 13.5740,
-14.7300

■ 44.7710, 10.4100,
-12.4540

■ 223.3430, 14.4910,
-14.8290

■ 24.7970, 7.5210,
-9.6550

■ 249.7560, 14.7660,
-14.3060

■ 0.0000, 0.0000,
0.0000

■ 253.0620, 5.4570,
-5.2870

■ 115.6140, 12.2900,
-13.4860

■ 115.6140, 12.2900,
-13.4860

■ 113.9470, 15.5460,
-17.4300

■ 117.2810, 9.0340,
-9.5420

■ 112.5790, 19.3980,
-21.1620

■ 118.6490, 5.1820,
-5.8100

■ 110.9120, 22.6540,
-25.1060

■ 120.3160, 1.9260,
-1.8660

■ 109.5440, 26.5060,
-28.8380

■ 121.6840, -1.9260,
1.8660

■ 107.8770, 29.7620,
-32.7820

■ 123.4650, -5.5030,
6.1210

■ 106.3950, 33.9350,
-36.8250

■ 124.8330, -9.3550,
9.8530

■ 105.4120, 35.2650,
-38.9030

■ 126.5000,
-12.6110, 13.7970

■ 128.1670,

-15.8670, 17.7410

■ 129.5350,
-19.7190, 21.4730

Harmonies

Analogous

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



117.3710, 26.4560, -5.8960



115.6140, 12.2900, -13.4860



113.0400, -6.6450, -17.2450

Triad

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



115.6140, 12.2900, -13.4860



107.5670, -50.2490, -8.9450



121.5720, 22.4170, 17.7530

Complementary

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



115.6140, 12.2900, -13.4860



84.3860, -12.2900, 13.4860

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.



120.8890, 5.4070, 17.6550



115.6140, 12.2900, -13.4860



113.5460, -36.5880, 2.2920

Square

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



115.6140, 12.2900, -13.4860



106.2050, -46.5340, -15.7020



118.8800, -16.7370, 11.4790



120.0860, 32.4130, 12.8050

Rectangle

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



115.6140, 12.2900, -13.4860



110.4990, -21.1790, -18.1630



118.8800, -16.7370, 11.4790



121.3480, 17.2360, 18.0360

Sweetspot

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



115.6140, 12.2900, -13.4860



155.8770, 4.5400, -5.1880



92.1450, 24.7570, 8.3810



77.9740, 2.8890, -2.7990



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.



115.6140, 12.2900, -13.4860



149.5790, 19.3980, -21.1620



109.6340, 0.3700, -17.7260



60.3160, 1.9260, -1.8660



108.9560, 36.5490, -40.1470



219.6840, 73.7400, -80.9160

Inverse Universe

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



84.3860, -12.2900, 13.4860



100.4210, -19.3980, 21.1620



90.3660, -0.3700, 17.7260



55.6840, -1.9260, 1.8660



16.0440, -36.5490, 40.1470



32.3160, -73.7400, 80.9160

Previews

White Background



This preview shows how the YIQ color 115.6140, 12.2900, -13.4860 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 115.6140, 12.2900, -13.4860 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 115.6140, 12.2900, -13.4860

Background



This preview shows how black text looks on a background with the YIQ color 115.6140, 12.2900, -13.4860.



This preview shows how white text looks on a background with the YIQ color 115.6140, 12.2900,

-13.4860.

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

115.6140, 12.2900, -13.4860

Protanopia

116.4300, 18.8000, -10.3200

Deuteranopia

117.7240, 26.9600, -4.0160



Tritanopia

118.7170, 2.4750, 4.7070

Trichromacy



Original Color

115.6140, 12.2900, -13.4860

Protanomaly

116.1200, 16.7370, -11.4790

Deuteranomaly

116.9790, 21.6880, -7.5920

Tritanomaly

117.4690, 5.8690, -1.7390

Monochromacy



Original Color

115.6140, 12.2900, -13.4860

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9910, 4.2190, -4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6140, 12.2900, -13.4860 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(119, 121, 79)` looks like.

```
.text, #text, p{  
    color:rgb(119, 121, 79)  
}
```

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(119, 121, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 79) }
```

Border

The CSS property to change the border of an element to YIQ 115.6140, 12.2900, -13.4860 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(119, 121, 79) }
```


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

```
.border{ border-color:rgb(119, 121, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 121, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 121, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 121, 79);  
box-shadow:4px 4px 4px 4px rgb(119, 121,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6140, 12.2900, -13.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 79) }
```

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

```
.background{ background-color: rgb(119,  
121, 79) }
```

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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