

Converting Colors

YIQ(115.6310, 13.6200,
-15.5640)

Have a look what the booklet for
YIQ(115.6310, 13.6200, -15.5640)
contains.

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Color

**YIQ(115.6310, 13.6200,
-15.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	777A4A
RGB	119, 122, 74
RGB Percent	47%, 48%, 29%
CMY	0.5334, 0.5216, 0.7097
CMYK	0.02, 0.00, 0.39, 0.52
HSL	64°, 24%, 38%
HSV	64°, 39%, 48%
XYZ	15.8029, 18.3353, 9.1888
YIQ	115.6310, 13.6200, -15.5640

Conversions

Conversions Part 2

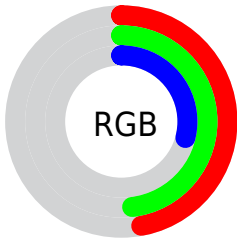
Format	Color
RYB	74, 122, 77
Decimal	7830090
CIELab	49.90, -9.11, 25.89
CIElCh	50, 27.452, 109.390
Yxy	18.3353, 0.3647, 0.4232
Android (android.graphics.Color)	4286020170 (0xFF777A4A)
YUV	115.6310, -20.5241, 2.9546
Hunter-Lab	42.8198, -9.0580, 17.2506

Details

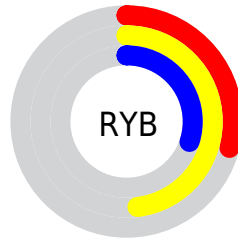
The YIQ color **115.6310, 13.6200, -15.5640** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.3690, -13.6200, 15.5640**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5880, 15.1790, -16.2850**, and **66.6740, 12.0610, -14.8430** is the 20% darker color. If you saturate the color by 10%, you get **113.9640, 16.8760, -19.5080**, and if you desaturate by 10%, it is **117.2980, 10.3640, -11.6200**.

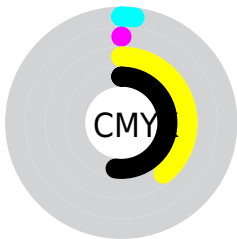
Distribution



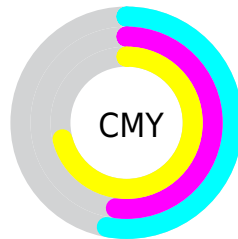
- Red (47%)
- Green (48%)
- Blue (29%)



- Red (29%)
- Yellow (48%)
- Blue (30%)



- Cyan (2%)
- Magenta (0%)
- Yellow (39%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6310, 13.6200, -15.5640 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 115.6310, 13.6200, -15.5640 by changing the saturation by 10% instead.

■ 115.6310, 13.6200,
-15.5640

■ 115.6310, 13.6200,
-15.5640

■ 255.0000, -0.0000,
-0.0000

■ 90.8590, 12.9780,
-14.9420

■ 167.5880, 15.1790,
-16.2850

■ 66.6740, 12.0610,
-14.8430

■ 195.4740, 15.5000,
-16.5960

■ 44.2610, 11.7860,
-15.3660

■ 223.2460, 16.1420,
-17.2180

■ 25.0850, 6.6500,
-10.3900

■ 249.1860, 16.3710,
-15.8610

■ 0.0000, 0.0000,
0.0000

■ 252.3780, 7.3830,
-7.1530

■ 115.6310, 13.6200,
-15.5640

■ 115.6310, 13.6200,
-15.5640

■ 113.9640, 16.8760,
-19.5080

■ 117.2980, 10.3640,
-11.6200

■ 112.2970, 20.1320,
-23.4520

■ 118.9650, 7.1080,
-7.6760

■ 110.8150, 24.3050,
-27.4950

■ 120.4470, 2.9350,
-3.6330

■ 109.1480, 27.5610,
-31.4390

■ 122.1140, -0.3210,
0.3110

■ 107.4810, 30.8170,
-35.3830

■ 123.7810, -3.5770,
4.2550

■ 105.8140, 34.0730,
-39.3270

■ 125.4480, -6.8330,
8.1990

■ 105.7000, 34.3940,
-39.6380

■ 126.8160,
-10.6850, 11.9310

■ 128.5970,

-14.2620, 16.1860

■ 130.2640,
-17.5180, 20.1300

Harmonies

Analogous

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



117.6980, 29.8490, -6.8150



115.6310, 13.6200, -15.5640



112.6760, -8.6160, -20.0720

Triad

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



115.6310, 13.6200, -15.5640



103.9290, -63.1320, -12.2520



122.0070, 25.6260, 20.1700

Complementary

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



115.6310, 13.6200, -15.5640



80.3690, -13.6200, 15.5640

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.



121.6550, 6.1860, 20.0580



115.6310, 13.6200, -15.5640



112.4250, -43.5570, 1.9390

Square

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



115.6310, 13.6200, -15.5640



102.5240, -57.8580, -19.7300



119.5640, -18.6630, 13.3450



120.4780, 37.1810, 14.5010

Rectangle

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



115.6310, 13.6200, -15.5640



109.7650, -24.9840, -20.7920



119.5640, -18.6630, 13.3450



122.0110, 19.8030, 21.0750

Sweetspot

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



115.6310, 13.6200, -15.5640



155.5350, 5.5030, -6.1210



89.5260, 28.0580, 9.1300



77.4470, 2.9350, -3.6330



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.



115.6310, 13.6200, -15.5640



148.0690, 20.7740, -24.0740



108.7540, -0.0880, -20.4400



60.3160, 1.9260, -1.8660



108.3580, 35.3570, -40.5710



218.7870, 71.9520, -81.5520

Inverse Universe

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



80.3690, -13.6200, 15.5640



93.6320, -21.3700, 23.8620



87.2460, 0.0880, 20.4400



55.6840, -1.9260, 1.8660



16.6420, -35.3570, 40.5710



33.5120, -71.3560, 81.7640

Previews

White Background



This preview shows how the YIQ color 115.6310, 13.6200, -15.5640 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 115.6310, 13.6200, -15.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

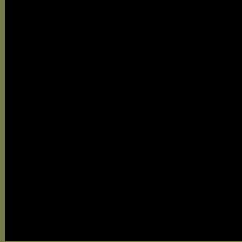
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.6310, 13.6200, -15.5640

Background



This preview shows how black text looks on a background with the YIQ color 115.6310, 13.6200, -15.5640.



This preview shows how white text looks on a background with the YIQ color 115.6310, 13.6200,

-15.5640.

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

115.6310, 13.6200, -15.5640

Protanopia

117.0450, 21.3220, -11.9740

Deuteranopia

117.7520, 29.7570, -5.1470



Tritanopia

119.7170, 2.4750, 4.7070

Trichromacy



Original Color

115.6310, 13.6200, -15.5640

Protanomaly

116.4360, 18.6630, -13.3450

Deuteranomaly

116.7080, 23.8890, -8.9350

Tritanomaly

118.1270, 6.8320, -2.6720

Monochromacy



Original Color

115.6310, 13.6200, -15.5640

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7630, 4.8610, -5.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6310, 13.6200, -15.5640 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, 122, 74)` looks like.

```
.text, #text, p{  
    color:rgb(119, 122, 74)  
}
```

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, 122, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 122, 74) }
```

Border

The CSS property to change the border of an element to YIQ 115.6310, 13.6200, -15.5640 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, 122, 74) }
```


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

```
.border{ border-color:rgb(119, 122, 74) }
```

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

Here you see how a box with a 4 pixel rgb(119, 122, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 122, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 122, 74);  
box-shadow:4px 4px 4px 4px rgb(119, 122,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6310, 13.6200, -15.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 122, 74) }
```

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

```
.background{ background-color: rgb(119,  
122, 74) }
```

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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