

Converting Colors

YIQ(115.2930, 8.7600, -15.5920)

Have a look what the booklet for
YIQ(115.2930, 8.7600, -15.5920)
contains.

YIQ(115.2930, 8.7600, -15.5920)	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(115.2930, 8.7600,
-15.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	727B4F
RGB	114, 123, 79
RGB Percent	45%, 48%, 31%
CMY	0.5530, 0.5176, 0.6901
CMYK	0.07, 0.00, 0.36, 0.52
HSL	72°, 22%, 40%
HSV	72°, 36%, 48%
XYZ	15.4331, 18.3082, 10.1209
YIQ	115.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

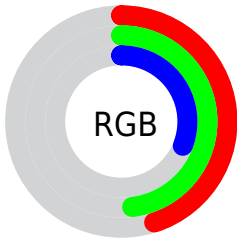
Format	Color
R_{YB}	79, 123, 88
Decimal	7502671
CIE _{Lab}	49.87, -11.14, 22.97
CIE _{LCh}	50, 25.525, 115.865
Yxy	18.3082, 0.3519, 0.4174
Android (android.graphics.Color)	4285692751 (0xFF727B4F)
YUV	115.2930, -17.8924, -1.1340
Hunter-Lab	42.7880, -10.4962, 15.9274

Details

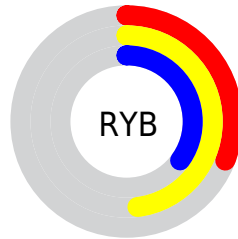
The YIQ color **115.2930, 8.7600, -15.5920** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.7070, -8.7600, 15.5920**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0650, 9.4020, -16.2140**, and **66.6350, 7.7970, -14.6590** is the 20% darker color. If you saturate the color by 10%, you get **113.0280, 10.8240, -19.9600**, and if you desaturate by 10%, it is **117.5580, 6.6960, -11.2240**.

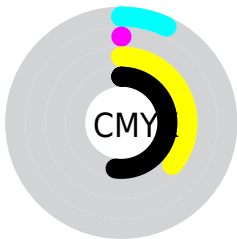
Distribution



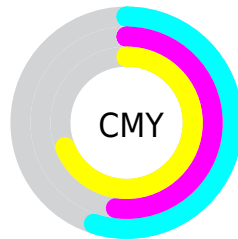
- Red (45%)
- Green (48%)
- Blue (31%)



- Red (31%)
- Yellow (48%)
- Blue (35%)



- Cyan (7%)
- Magenta (0%)
- Yellow (36%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.2930, 8.7600, -15.5920 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 115.2930, 8.7600, -15.5920 by changing the saturation by 10% instead.

■ 115.2930, 8.7600,
-15.5920

■ 115.2930, 8.7600,
-15.5920

■ 255.0000, -0.0000,
-0.0000

■ 90.5210, 8.1180,
-14.9700

■ 167.0650, 9.4020,
-16.2140

■ 66.6350, 7.7970,
-14.6590

■ 194.8370, 10.0440,
-16.8360

■ 44.4500, 6.8800,
-14.5600

■ 222.7230, 10.3650,
-17.1470

■ 24.7750, 4.5870,
-11.5490

■ 248.6740, 12.0610,
-14.8430

■ 0.0000, 0.0000,
0.0000

■ 253.0620, 5.4570,
-5.2870

■ 115.2930, 8.7600,
-15.5920

■ 115.2930, 8.7600,
-15.5920

■ 113.0280, 10.8240,
-19.9600

■ 117.5580, 6.6960,
-11.2240

■ 110.9480, 13.8050,
-24.4270

■ 119.6380, 3.7150,
-6.7570

■ 108.6830, 15.8690,
-28.7950

■ 121.9030, 1.6510,
-2.3890

■ 106.7170, 18.5290,
-32.9510

■ 123.8690, -1.0090,
1.7670

■ 104.4520, 20.5930,
-37.3190

■ 126.2480, -3.3940,
6.4460

■ 102.3720, 23.5740,
-41.7860

■ 128.2140, -6.0540,
10.6020

■ 101.5030, 24.5830,
-43.5530

■ 130.4790, -8.1180,
14.9700

■ 132.4450,

-10.7780, 19.1260

■ 134.8240,
-13.1630, 23.8050

Harmonies

Analogous

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



117.3060, 25.0810, -8.5110



115.2930, 8.7600, -15.5920



112.4630, -12.3300, -18.8420

Triad

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



115.2930, 8.7600, -15.5920



107.9520, -52.7710, -7.2910



121.0240, 26.9560, 18.0920

Complementary

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



115.2930, 8.7600, -15.5920



86.7070, -8.7600, 15.5920

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.



121.8680, 9.9000, 18.8280



115.2930, 8.7600, -15.5920



115.0840, -35.1670, 4.0730

Square

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



115.2930, 8.7600, -15.5920



105.0840, -53.5030, -16.0550



119.9130, -12.3360, 14.3200



120.1140, 35.2100, 11.6740

Rectangle

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



115.2930, 8.7600, -15.5920



109.7370, -27.7810, -19.6610



119.9130, -12.3360, 14.3200



121.6260, 22.3250, 19.4210

Sweetspot

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



115.2930, 8.7600, -15.5920



157.7520, 3.3940, -6.4460



97.4390, 23.7490, 4.6210



79.8490, 1.7430, -4.0570



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



115.2930, 8.7600, -15.5920



148.6490, 13.2090, -24.6390



108.7150, -4.3520, -20.2560



60.0170, 1.3300, -2.0780



102.9760, 24.6290, -44.3870



208.0230, 50.4960, -89.1840

Inverse Universe

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



86.7070, -8.7600, 15.5920



104.0520, -13.8050, 24.4270



93.2850, 4.3520, 20.2560



55.9830, -1.3300, 2.0780



22.0240, -24.6290, 44.3870



44.2760, -49.9000, 89.3960

Previews

White Background



This preview shows how the YIQ color 115.2930, 8.7600, -15.5920 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 115.2930, 8.7600, -15.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

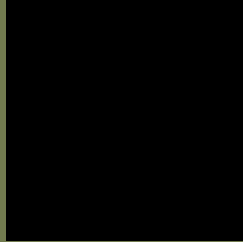
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.2930, 8.7600, -15.5920

Background



This preview shows how black text looks on a background with the YIQ color 115.2930, 8.7600, -15.5920.



This preview shows how white text looks on a background with the YIQ color 115.2930, 8.7600,

-15.5920.

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

115.2930, 8.7600, -15.5920

Protanopia

116.6150, 19.7170, -10.4190

Deuteranopia

118.0230, 27.5560, -3.8040



Tritanopia

118.9230, -1.1010, 3.4350

Trichromacy



Original Color

115.2930, 8.7600, -15.5920

Protanomaly

116.4080, 15.8660, -12.2140

Deuteranomaly

117.2670, 20.8170, -8.3270

Tritanomaly

117.5610, 2.6140, -3.3220

Monochromacy



Original Color

115.2930, 8.7600, -15.5920

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2790, 3.3480, -5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2930, 8.7600, -15.5920 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, 123, 79)` looks like.

```
.text, #text, p{  
    color:rgb(114, 123, 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(114, 123, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 123, 79) }
```

Border

The CSS property to change the border of an element to YIQ 115.2930, 8.7600, -15.5920 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, 123, 79) }
```


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

```
.border{ border-color:rgb(114, 123, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 123, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 123, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 123, 79);  
box-shadow:4px 4px 4px 4px rgb(114, 123,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2930, 8.7600, -15.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 123, 79) }
```

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

```
.background{ background-color: rgb(114,  
123, 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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