

Converting Colors

YUV(113.7900, -15.1795,
-31.3878)

Have a look what the booklet for
YUV(113.7900, -15.1795, -31.3878)
contains.

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Color

**YUV(113.7900, -15.1795,
-31.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8A53
RGB	78, 138, 83
RGB Percent	31%, 54%, 33%
CMY	0.6941, 0.4588, 0.6745
CMYK	0.43, 0.00, 0.40, 0.46
HSL	125°, 28%, 42%
HSV	125°, 43%, 54%
XYZ	13.7917, 20.4212, 11.3984
YIQ	113.7900, -18.1050, -29.8250

Conversions

Conversions Part 2

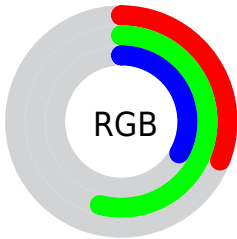
Format	Color
RYB	78, 133, 138
Decimal	5147219
CIELab	52.31, -31.70, 23.52
CIElCh	52, 39.469, 143.428
Yxy	20.4212, 0.3024, 0.4477
Android (android.graphics.Color)	4283337299 (0xFF4E8A53)
YUV	113.7900, -15.1795, -31.3878
Hunter-Lab	45.1898, -24.6049, 16.6779

Details

The YUV color **113.7900, -15.1795, -31.3878** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **102.2100, 15.1795, 31.3878**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7360, -16.6318, -32.2175**, and **63.0610, -12.8481, -32.5025** is the 20% darker color. If you saturate the color by 10%, you get **108.1220, -18.7941, -38.6950**, and if you desaturate by 10%, it is **119.4580, -11.5648, -24.0807**.

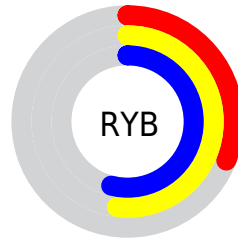
Distribution



Red (31%)

Green (54%)

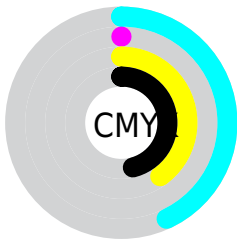
Blue (33%)



Red (31%)

Yellow (52%)

Blue (54%)

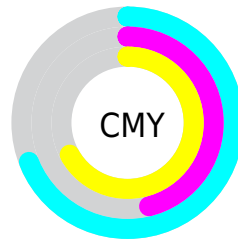


Cyan (43%)

Magenta (0%)

Yellow (40%)

Black (46%)



Cyan (69%)

Magenta (46%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7900, -15.1795, -31.3878 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 YUV color 113.7900, -15.1795, -31.3878 by changing the saturation by 10% instead.

■ 113.7900,
-15.1795, -31.3878

■ 113.7900,
-15.1795, -31.3878

■ 255.0000, 0.0000,
0.0000

■ 88.0180, -14.3059,
-31.5878

■ 166.7360,
-16.6318, -32.2175

■ 63.0610, -12.8481,
-32.5025

■ 194.2090,
-17.3580, -32.6323

■ 39.2780, -11.9691,
-34.4468

■ 222.7960,
-17.6474, -33.1471

■ 24.0670, -11.8650,
-21.1068

■ 237.7680,
-11.7176, -21.7215

■ 8.8050, -4.3409,
-7.7220

■ 249.7450, -3.3253,
-6.7924

■ 0.0000, 0.0000,
0.0000

■ 113.7900,
-15.1795, -31.3878

■ 113.7900,
-15.1795, -31.3878

■ 108.1220,
-18.7941, -38.6950

■ 119.4580,
-11.5648, -24.0807

■ 102.5680,
-21.9720, -46.1021

■ 125.0120, -8.3869,
-16.6735

■ 97.1990, -25.7341,
-52.7945

■ 130.3810, -4.6248,
-9.9811

■ 91.5310, -29.3488,
-60.1017

■ 136.0490, -1.0102,
-2.6740

■ 85.9770, -32.5267,
-67.5088

■ 141.6030, 2.1677,
4.7332

■ 82.3740, -34.6944,
-72.2420

■ 147.2710, 5.7824,
12.0403

■ 152.9390, 9.3971,
19.3475

■ 158.1940, 12.7224,

26.1399

■ 163.8620, 16.3370,
33.4470

Harmonies

Analogous

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



119.3180, -29.2438, -0.2789



113.7900, -15.1795, -31.3878



96.5780, 9.5750, -84.6989

Triad

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



113.7900, -15.1795, -31.3878



111.6420, 39.6165, -60.1990



125.1380, -12.3930, 55.1300

Complementary

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



113.7900, -15.1795, -31.3878



102.2100, 15.1795, 31.3878

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.



127.2310, 3.3371, 49.7864



113.7900, -15.1795, -31.3878



125.8550, 30.1445, -8.6428

Square

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



113.7900, -15.1795, -31.3878



101.2980, 37.8141, -88.8383



128.9860, 18.2479, 27.1993



124.1140, -26.1852, 45.5040

Rectangle

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



113.7900, -15.1795, -31.3878



99.2000, 19.6214, -86.9984



128.9860, 18.2479, 27.1993



126.1040, -7.4463, 55.1598

Sweetspot

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



113.7900, -15.1795, -31.3878



169.3160, -6.0718, -12.5551



129.6650, -25.4708, 2.9248



83.3320, -3.6147, -7.3072



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



113.7900, -15.1795, -31.3878



141.3890, -23.8558, -48.5762



117.2100, -2.0755, -34.3872



66.2230, -1.5889, -3.7036



79.3250, -33.6842, -69.5680



2.9350, -1.4470, -2.5740

Inverse Universe

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



102.2100, 15.1795, 31.3878



123.4970, 23.4190, 48.6761



98.7900, 2.0755, 34.3872



64.7770, 1.5889, 3.7036



53.6750, 33.6842, 69.5680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 113.7900, -15.1795, -31.3878 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 YUV color 113.7900, -15.1795, -31.3878 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](#).

YUV 113.7900, -15.1795, -31.3878 Background



This preview shows how black text looks on a background with the YUV color 113.7900, -15.1795, -31.3878.



This preview shows how white text looks on a background with the YUV color 113.7900, -15.1795, -31.3878.

-31.3878.

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

113.7900, -15.1795, -31.3878

Protanopia

122.0450, -21.7142, 11.3615

Deuteranopia

124.0230, -18.2523, 21.0278



Tritanopia

119.9950, 10.8485, -26.3056

Trichromacy



Original Color

113.7900, -15.1795, -31.3878

Protanomaly

118.9290, -19.1920, -4.3227

Deuteranomaly

120.5430, -17.0297, 2.1548

Tritanomaly

118.1660, 1.3972, -28.2096

Monochromacy



Original Color

113.7900, -15.1795, -31.3878

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1420, -5.4930, -11.5255

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7900, -15.1795, -31.3878 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(78, 138, 83)` looks like.

```
.text, #text, p{  
    color:rgb(78, 138, 83)  
}
```

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(78, 138, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 138, 83) }
```

Border

The CSS property to change the border of an element to YUV 113.7900, -15.1795, -31.3878 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(78, 138, 83) }
```


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

```
.border{ border-color:rgb(78, 138, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 138, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 138, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 138, 83);  
box-shadow:4px 4px 4px 4px rgb(78, 138,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 113.7900, -15.1795, -31.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 138, 83) }
```

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

```
.background{ background-color: rgb(78, 138,  
83) }
```

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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