

Converting Colors

YUV(119.2700, -42.5311,
108.5112)

Have a look what the booklet for
YUV(119.2700, -42.5311, 108.5112)
contains.

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Color

**YUV(119.2700, -42.5311,
108.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	F34921
RGB	243, 73, 33
RGB Percent	95%, 29%, 13%
CMY	0.0471, 0.7137, 0.8706
CMYK	0.00, 0.70, 0.86, 0.05
HSL	11°, 90%, 54%
HSV	11°, 86%, 95%
XYZ	39.6192, 23.9296, 3.9696
YIQ	119.2700, 114.1600, 23.6000

Conversions

Conversions Part 2

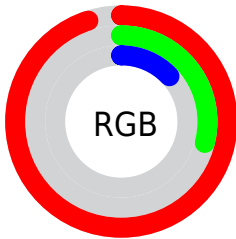
Format	Color
R_{YB}	243, 82, 33
Decimal	15943969
CIE _{Lab}	56.02, 63.08, 57.85
CIE _{LCh}	56, 85.593, 42.523
Yxy	23.9296, 0.5868, 0.3544
Android (android.graphics.Color)	4294134049 (0xFFFF34921)
YUV	119.2700, -42.5311, 108.5112
Hunter-Lab	48.9179, 58.9632, 29.4313

Details

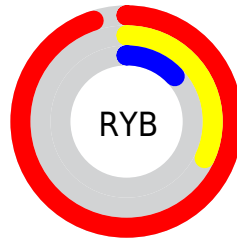
The YUV color **119.2700, -42.5311, 108.5112** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **156.7300, 42.5311, -108.5112**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6040, -39.2448, 81.0313**, and **53.2220, -26.2384, 109.4303** is the 20% darker color. If you saturate the color by 10%, you get **104.7940, -47.2264, 121.2067**, and if you desaturate by 10%, it is **133.7460, -37.8358, 95.8158**.

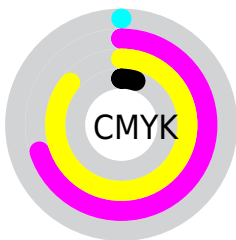
Distribution



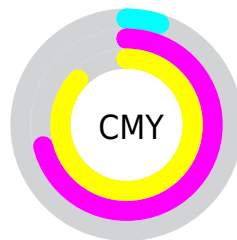
- Red (95%)
- Green (29%)
- Blue (13%)



- Red (95%)
- Yellow (32%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (86%)
- Black (5%)





- Cyan (5%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.2700, -42.5311, 108.5112 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 119.2700, -42.5311, 108.5112 by changing the saturation by 10% instead.


 119.2700,
-42.5311, 108.5112


 119.2700,
-42.5311, 108.5112


255.0000, 0.0000,
0.0000

 86.7260, -40.7839,
108.1113


 162.6040,
-39.2448, 81.0313


 53.2220, -26.2384,
109.4303


 182.0040,
-35.9910, 64.0175


 43.6540, -21.5214,
89.7574


 201.9910,
-33.0266, 46.4889

 34.0860, -16.8044,
70.0846

 222.6790,
-29.9147, 28.3455

 24.9310, -11.7980,
50.9265

 242.7800,
-26.5135, 10.7169

 16.3740, -7.0864,
32.9980

 250.6680,

 2.0930, -1.0318,

-16.5983, 3.7992

4.3034

253.9740, -3.9312,
0.8998

0.0000, 0.0000,
0.0000

119.2700,
-42.5311, 108.5112

119.2700,
-42.5311, 108.5112

104.7940,
-47.2264, 121.2067

133.7460,
-37.8358, 95.8158

99.6590, -49.1319,
125.7101

147.7490,
-32.4143, 83.5351

162.2250,
-27.7189, 70.8397

176.7010,
-23.0236, 58.1442

190.5900,
-18.0389, 45.9636

■ 205.1800,
-12.9067, 33.1681

■ 219.6560, -8.2114,
20.4727

■ 233.5450, -3.2267,
8.2920

■ 248.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



97.8350, 4.5183, 137.8337



119.2700, -42.5311, 108.5112



126.1200, -62.1772, 63.0388

Triad

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



119.2700, -42.5311, 108.5112



105.4850, -9.6061, -92.5103



107.7280, 72.6051, -94.4775

Complementary

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



119.2700, -42.5311, 108.5112



156.7300, 42.5311, -108.5112

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.



120.0550, 66.5279, -105.2882



119.2700, -42.5311, 108.5112



116.2520, 24.0328, -101.9530

Square

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



119.2700, -42.5311, 108.5112



100.8410, -49.7146, -61.2506



122.9440, 54.7506, -107.8219



136.0090, 53.7326, 32.4411

Rectangle

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



119.2700, -42.5311, 108.5112



125.6010, -61.9213, 27.5369



122.9440, 54.7506, -107.8219



112.4240, 70.2900, -98.5958

Sweetspot

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



119.2700, -42.5311, 108.5112



215.7780, -13.2016, 34.3977



115.2840, 43.7370, 112.0069



104.6560, -8.2114, 20.4727



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



119.2700, -42.5311, 108.5112



105.0080, -51.7689, 131.5430



179.7310, -72.3384, 55.4869



114.7620, -2.3477, 6.3477



76.1590, -37.5464, 96.3306



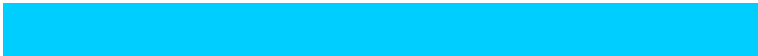
24.0980, -11.8803, 30.6091

Inverse Universe

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



156.7300, 42.5311, -108.5112



149.9920, 51.7689, -131.5430



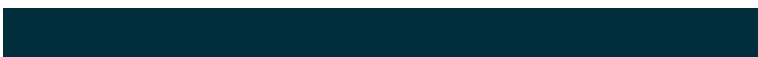
95.6820, 72.6278, -54.9721



117.2380, 2.3477, -6.3477



109.8410, 37.5464, -96.3306



34.3150, 12.1697, -30.0943

Previews

White Background



This preview shows how the YUV color 119.2700, -42.5311, 108.5112 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 119.2700, -42.5311, 108.5112 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 119.2700, -42.5311, 108.5112 Background



This preview shows how black text looks on a background with the YUV color 119.2700, -42.5311, 108.5112.



This preview shows how white text looks on a background with the YUV color 119.2700, -42.5311, 108.5112.

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

119.2700, -42.5311, 108.5112

Protanopia

129.5670, -40.2125, 17.9197

Deuteranopia

125.9660, -62.1012, 38.6178



Tritanopia

121.6670, -24.4858, 107.2860

Trichromacy



Original Color

119.2700, -42.5311, 108.5112

Protanomaly

125.6620, -40.7524, 51.1624

Deuteranomaly

123.6670, -55.0518, 64.3130

Tritanomaly

120.6580, -30.8904, 108.1709

Monochromacy



Original Color

119.2700, -42.5311, 108.5112

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9420, -15.2544, 39.5159

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2700, -42.5311, 108.5112 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(243, 73, 33)` looks like.

```
.text, #text, p{  
    color:rgb(243, 73, 33)  
}
```

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(243, 73, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 73, 33) }
```

Border

The CSS property to change the border of an element to YUV 119.2700, -42.5311, 108.5112 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(243, 73, 33) }
```


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

```
.border{ border-color:rgb(243, 73, 33) }
```

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

Here you see how a box with a 4 pixel rgb(243, 73, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 73, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 73, 33);  
box-shadow:4px 4px 4px 4px rgb(243, 73,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 119.2700, -42.5311, 108.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 73, 33) }
```

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

```
.background{ background-color: rgb(243, 73,  
33) }
```

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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