

Converting Colors

YUV(119.6530, -50.1149,
114.3143)

Have a look what the booklet for
YUV(119.6530, -50.1149, 114.3143)
contains.

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Color

**YUV(119.6530, -50.1149,
114.3143)**

Conversions

Conversions Part 1	
Format	Color
Hex	FA4912
RGB	250, 73, 18
RGB Percent	98%, 29%, 7%
CMY	0.0196, 0.7137, 0.9294
CMYK	0.00, 0.71, 0.93, 0.02
HSL	14°, 96%, 53%
HSV	14°, 93%, 98%
XYZ	41.9161, 25.1328, 3.2142
YIQ	119.6530, 123.1470, 20.4190

Conversions

Conversions Part 2

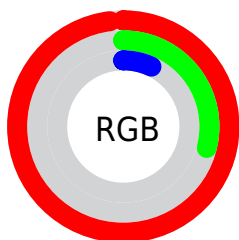
Format	Color
RYB	250, 90, 18
Decimal	16402706
CIELab	57.20, 65.05, 64.40
CIELCh	57, 91.537, 44.715
Yxy	25.1328, 0.5966, 0.3577
Android (android.graphics.Color)	4294592786 (0xFFFA4912)
YUV	119.6530, -50.1149, 114.3143
Hunter-Lab	50.1326, 61.5126, 31.2915

Details

The YUV color **119.6530, -50.1149, 114.3143** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **148.3470, 50.1149, -114.3143**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3500, -44.0495, 82.1311**, and **55.0160, -27.1229, 113.1190** is the 20% darker color. If you saturate the color by 10%, you get **109.3830, -53.9258, 123.3211**, and if you desaturate by 10%, it is **133.6560, -44.6934, 102.0337**.

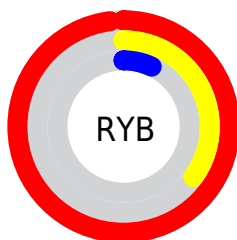
Distribution



Red (98%)

Green (29%)

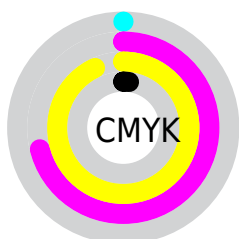
Blue (7%)



Red (98%)

Yellow (35%)

Blue (7%)

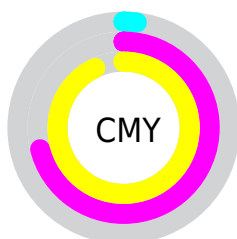


Cyan (0%)

Magenta (71%)

Yellow (93%)

Black (2%)



Cyan (2%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.6530, -50.1149, 114.3143 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 119.6530, -50.1149, 114.3143 by changing the saturation by 10% instead.


 119.6530,
-50.1149, 114.3143


 119.6530,
-50.1149, 114.3143


255.0000, 0.0000,
0.0000


 88.3630, -43.5630,
112.8146


 161.3500,
-44.0495, 82.1311


 55.0160, -27.1229,
113.1190


 181.3370,
-41.0851, 64.6025


 45.1490, -22.2585,
92.8313


 201.4380,
-37.6839, 46.9739

 35.8800, -17.6888,
73.7732

 222.1260,
-34.5721, 28.8305

 26.4260, -12.5350,
54.0004

 242.2270,
-31.1709, 11.2019


 18.2820, -7.5340,
36.5867


 249.5280,

 6.5780, -3.2430,


-20.9663, 4.7989

13.5251


 252.8340, -8.2992,
1.8996


 0.0000, 0.0000,
0.0000


 119.6530,
-50.1149, 114.3143


 119.6530,
-50.1149, 114.3143

 109.3830,
-53.9258, 123.3211

 133.6560,
-44.6934, 102.0337


 147.6590,
-39.2719, 89.7531


 161.6620,
-33.8504, 77.4724

 175.6650,
-28.4288, 65.1918

 189.6680,
-23.0073, 52.9112

 203.6710,
-17.5858, 40.6305

 218.2610,
-12.4537, 27.8351

 232.2640, -7.0322,
15.5545

 246.2670, -1.6106,
3.2738

Harmonies

Analogous

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



87.8730, 6.9646, 146.5704



119.6530, -50.1149, 114.3143



129.6530, -63.9189, 61.6943

Triad

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



119.6530, -50.1149, 114.3143



109.1040, -8.4323, -95.6842



108.3150, 72.3157, -94.9923

Complementary

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



119.6530, -50.1149, 114.3143



148.3470, 50.1149, -114.3143

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.



122.4030, 65.3703, -107.3474



119.6530, -50.1149, 114.3143



119.8540, 27.6800, -105.1120

Square

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



119.6530, -50.1149, 114.3143



94.5070, -46.5920, -82.8826



127.7030, 60.2924, -111.9955



138.4600, 56.4682, 41.6926

Rectangle

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



119.6530, -50.1149, 114.3143



128.2370, -63.2208, 24.3482



127.7030, 60.2924, -111.9955



114.1850, 69.4218, -100.1402

Sweetspot

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



119.6530, -50.1149, 114.3143



215.2080, -15.3855, 34.8976



107.6600, 43.5516, 124.8322



103.0260, -9.3798, 21.9022



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.



119.6530, -50.1149, 114.3143



111.4650, -54.9522, 125.8802



187.1580, -83.3949, 55.1124



117.6480, -2.7845, 6.4477



82.9260, -40.8825, 93.0269



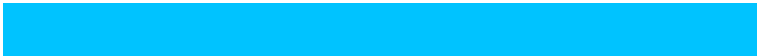
27.0440, -13.3327, 29.7794

Inverse Universe

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



148.3470, 50.1149, -114.3143



143.5350, 54.9522, -125.8802



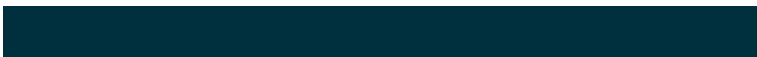
80.8420, 83.3949, -55.1124



119.3520, 2.7845, -6.4477



106.0740, 40.8825, -93.0269



34.5430, 13.0433, -30.2942

Previews

White Background



This preview shows how the YUV color 119.6530, -50.1149, 114.3143 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 119.6530, -50.1149, 114.3143 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 119.6530, -50.1149, 114.3143 Background



This preview shows how black text looks on a background with the YUV color 119.6530, -50.1149, 114.3143.



This preview shows how white text looks on a background with the YUV color 119.6530, -50.1149,

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

119.6530, -50.1149, 114.3143

Protanopia

131.3410, -47.4961, 20.7489

Deuteranopia

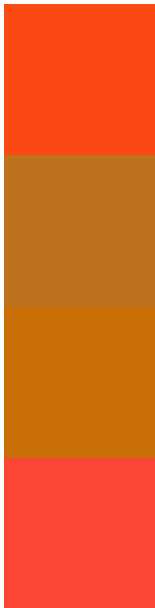
128.9230, -63.5590, 39.5325



Tritanopia

123.0590, -25.6651, 112.2043

Trichromacy



Original Color
119.6530, -50.1149, 114.3143

Protanomaly
127.0340, -48.3308, 55.2212

Deuteranomaly
125.7660, -58.5516, 66.8572

Tritanomaly
122.0670, -34.5430, 113.0742

Monochromacy



Original Color
119.6530, -50.1149, 114.3143

Achromatopsia
120.0000, 0.0000, 0.0000

Achromatomaly
119.8560, -18.1700, 41.3453

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6530, -50.1149, 114.3143 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(250, 73, 18)` looks like.

```
.text, #text, p{  
    color:rgb(250, 73, 18)  
}
```

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(250, 73, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 73, 18) }
```

Border

The CSS property to change the border of an element to YUV 119.6530, -50.1149, 114.3143 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(250, 73, 18) }
```


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

```
.border{ border-color:rgb(250, 73, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 73, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 73, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 73, 18);  
box-shadow:4px 4px 4px 4px rgb(250, 73,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 119.6530, -50.1149, 114.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 73, 18) }
```

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

```
.background{ background-color: rgb(250, 73,  
18) }
```

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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