

Converting Colors

YUV(110.2910, -54.3735,
126.9098)

Have a look what the booklet for
YUV(110.2910, -54.3735, 126.9098)
contains.

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Color

**YUV(110.2910, -54.3735,
126.9098)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3A00
RGB	255, 58, 0
RGB Percent	100%, 23%, 0%
CMY	0.0000, 0.7725, 1.0000
CMYK	0.00, 0.77, 1.00, 0.00
HSL	14°, 100%, 50%
HSV	14°, 100%, 100%
XYZ	42.7531, 24.2861, 2.4344
YIQ	110.2910, 136.0300, 23.7260

Conversions

Conversions Part 2

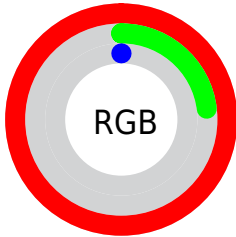
Format	Color
R_{YB}	255, 75, 0
Decimal	16726528
CIE _{Lab}	56.37, 71.15, 68.44
CIE _{LCh}	56, 98.721, 43.888
Yxy	24.2861, 0.6154, 0.3496
Android (android.graphics.Color)	4294916608 (0xFFFF3A00)
YUV	110.2910, -54.3735, 126.9098
Hunter-Lab	49.2809, 68.6138, 31.5679

Details

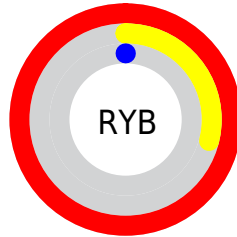
The YUV color **110.2910, -54.3735, 126.9098** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **144.7090, 54.3735, -126.9098**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3400, -45.5236, 88.2788**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **110.2910, -54.3735, 126.9098**, and if you desaturate by 10%, it is **124.8810, -49.2413, 114.1144**.

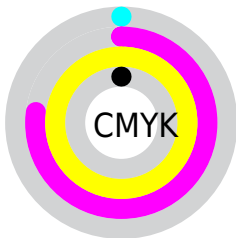
Distribution



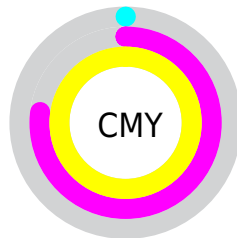
- Red (100%)
- Green (23%)
- Blue (0%)



- Red (100%)
- Yellow (29%)
- Blue (0%)



- Cyan (0%)
- Magenta (77%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.2910, -54.3735, 126.9098 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 110.2910, -54.3735, 126.9098 by changing the saturation by 10% instead.


 110.2910,
-54.3735, 126.9098

 110.2910,
-54.3735, 126.9098


255.0000, 0.0000,
0.0000


 70.7750, -34.8921,
131.7473


 154.3400,
-45.5236, 88.2788


 56.2120, -27.7125,
115.5781


 174.3270,
-42.5592, 70.7502

 46.3450, -22.8481,
95.2904


 194.4280,
-39.1580, 53.1216

 36.7770, -18.1311,
75.6176

 215.0020,
-36.4830, 35.0782

 27.4370, -12.5404,
55.7448

 235.8040,
-32.9344, 16.8349


 18.8800, -7.8288,
37.8162


 248.3880,


 7.5890, -3.2484,


-25.3343, 5.7987


15.2694

 251.5800,
-13.1039, 2.9993


 0.0000, 0.0000,
0.0000


 110.2910,
-54.3735, 126.9098

 124.8810,
-49.2413, 114.1144

 138.9980,
-43.3830, 101.7338

 153.7020,
-37.8141, 88.8383

 168.2920,
-32.6820, 76.0429

 182.9960,
-27.1130, 63.1475

■ 196.9990,
-21.6915, 50.8669

■ 211.7030,
-16.1226, 37.9715

■ 226.2930,
-10.9904, 25.1760

■ 240.4100, -5.1321,
12.7954

Harmonies

Analogous

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



87.6450, 6.0910, 146.7703



110.2910, -54.3735, 126.9098



127.3160, -62.7668, 65.4979

Triad

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



110.2910, -54.3735, 126.9098



107.6050, -11.6373, -94.3696



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.



110.2910, -54.3735, 126.9098



144.7090, 54.3735, -126.9098

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



110.2910, -54.3735, 126.9098



119.6260, 26.8064, -104.9120

Square

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



110.2910, -54.3735, 126.9098



93.9200, -46.3026, -82.3678



127.5720, 62.3290, -111.8806



134.2690, 59.5204, 42.7371

Rectangle

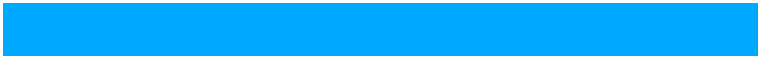
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



110.2910, -54.3735, 126.9098



126.1770, -62.2053, 25.2778



127.5720, 62.3290, -111.8806



113.5980, 69.7112, -99.6254

Sweetspot

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



110.2910, -54.3735, 126.9098



211.7030, -16.1226, 37.9715



99.0450, 49.7708, 136.7725



101.6240, -9.6746, 23.1318



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.



110.2910, -54.3735, 126.9098



183.6660, -90.5473, 62.5599



120.6480, -2.7845, 6.4477



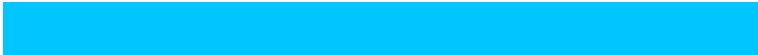
82.3500, -40.5985, 95.2861



27.3540, -13.4855, 32.1385

Inverse Universe

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



144.7090, 54.3735, -126.9098



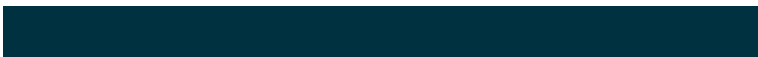
71.3340, 90.5473, -62.5599



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 110.2910, -54.3735, 126.9098 looks on a white background.

Color Contrast Check

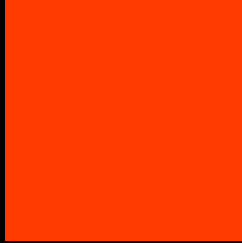
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.2910, -54.3735, 126.9098 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 110.2910, -54.3735, 126.9098 Background



This preview shows how black text looks on a background with the YUV color 110.2910, -54.3735, 126.9098.



This preview shows how white text looks on a background with the YUV color 110.2910, -54.3735, 126.9098.

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



Protanopia

128.7000, -48.6591, 20.4341

Deuteranopia

126.8520, -62.5380, 38.7178

Tritanopia

114.9140, -29.0446, 122.8554

Trichromacy



Protanomaly

122.0730, -50.8150, 58.6950

Deuteranomaly

120.8590, -59.5835, 71.1607

Tritanomaly

113.2210, -38.0700, 124.3402

Monochromacy



Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1340, -19.7861, 46.3635

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.2910, -54.3735, 126.9098 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(255, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 0)  
}
```

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(255, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 0) }
```

Border

The CSS property to change the border of an element to YUV 110.2910, -54.3735, 126.9098 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(255, 58, 0) }
```

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

```
.border{ border-color:rgb(255, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 110.2910, -54.3735, 126.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 0) }
```

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

```
.background{ background-color: rgb(255, 58,  
0) }
```

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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