

Converting Colors

YUV(111.0670, -54.7560,
109.5662)

Have a look what the booklet for
YUV(111.0670, -54.7560, 109.5662)
contains.

YUV(111.0670, -54.7560, 109.5662)	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

**YUV(111.0670, -54.7560,
109.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	EC4500
RGB	236, 69, 0
RGB Percent	93%, 27%, 0%
CMY	0.0745, 0.7294, 1.0000
CMYK	0.00, 0.71, 1.00, 0.07
HSL	18°, 100%, 46%
HSV	18°, 100%, 93%
XYZ	36.7202, 22.0891, 2.3283
YIQ	111.0670, 121.6810, 13.9450

Conversions

Conversions Part 2

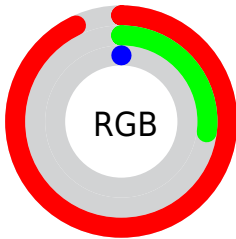
Format	Color
R_{YB}	236, 98, 0
Decimal	15484160
CIE _{Lab}	54.12, 61.91, 65.39
CIE _{LCh}	54, 90.048, 46.563
Yxy	22.0891, 0.6006, 0.3613
Android (android.graphics.Color)	4293674240 (0xFFEC4500)
YUV	111.0670, -54.7560, 109.5662
Hunter-Lab	46.9991, 57.2131, 29.9622

Details

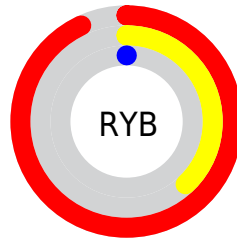
The YUV color **111.0670, -54.7560, 109.5662** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **124.9330, 54.7560, -109.5662**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8620, -47.2600, 85.1900**, and **51.1290, -25.2066, 105.1269** is the 20% darker color. If you saturate the color by 10%, you get **111.0670, -54.7560, 109.5662**, and if you desaturate by 10%, it is **123.7820, -49.1925, 98.4152**.

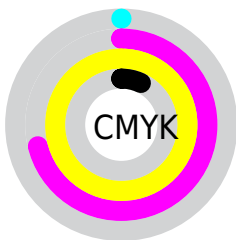
Distribution



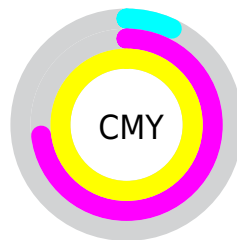
- Red (93%)
- Green (27%)
- Blue (0%)



- Red (93%)
- Yellow (38%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.0670, -54.7560, 109.5662 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 111.0670, -54.7560, 109.5662 by changing the saturation by 10% instead.


 111.0670,
-54.7560, 109.5662


 111.0670,
-54.7560, 109.5662


254.8860, -0.4368,
0.1000


 81.8290, -40.3417,
106.2670


 157.8620,
-47.2600, 85.1900


 51.1290, -25.2066,
105.1269


 177.2620,
-44.0062, 68.1762


 41.2620, -20.3422,
84.8392


 197.2490,
-41.0418, 50.6476

 31.9930, -15.7725,
65.7811

 217.3500,
-37.6405, 33.0191

 23.2510, -10.4767,
47.1379

 237.4510,
-34.2393, 15.3905


 14.2810, -6.0545,
28.6946


 248.2740,


 0.0000, 0.0000,

-25.7711, 5.8987


0.0000


 251.5800,
-13.1039, 2.9993


 111.0670,
-54.7560, 109.5662

 123.7820,
-49.1925, 98.4152

 135.7960,
-43.7764, 87.8789

 148.5110,
-38.2129, 76.7279

 161.1120,
-33.0862, 65.6768

 173.2400,
-27.2333, 55.0405

■ 185.9550,
-21.6698, 43.8895

■ 198.5560,
-16.5431, 32.8384

■ 211.2710,
-10.9796, 21.6873

■ 223.2850, -5.5635,
11.1511

Harmonies

Analogous

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



86.6190, 2.1598, 147.6701



111.0670, -54.7560, 109.5662



121.9450, -60.1189, 56.1762

Triad

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



111.0670, -54.7560, 109.5662



103.5930, -6.7013, -90.8511



102.4450, 75.2096, -89.8443

Complementary

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



111.0670, -54.7560, 109.5662



124.9330, 54.7560, -109.5662

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.



116.5330, 68.2642, -102.1994



111.0670, -54.7560, 109.5662



114.1150, 28.5373, -100.0789

Square

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



111.0670, -54.7560, 109.5662



89.8110, -44.2768, -78.7642



120.9210, 59.6919, -106.0477



129.0970, 53.6892, 46.3959

Rectangle

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



111.0670, -54.7560, 109.5662



119.9420, -59.1314, 19.3449



120.9210, 59.6919, -106.0477



108.3150, 72.3157, -94.9923

Sweetspot

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



111.0670, -54.7560, 109.5662



214.6380, -17.5695, 35.3975



89.8300, 39.0308, 128.1911



103.3850, -10.5428, 21.5874



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.



111.0670, -54.7560, 109.5662



120.2700, -59.2931, 118.1582



179.1590, -88.3254, 49.8496



111.0500, -2.4896, 5.2182



85.2300, -42.0184, 83.9903



25.5380, -12.5902, 24.9612

Inverse Universe

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



124.9330, 54.7560, -109.5662



134.7300, 59.2931, -118.1582



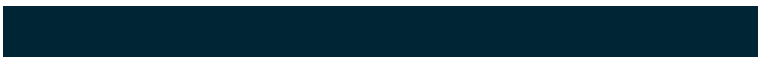
56.8410, 88.3254, -49.8496



111.9500, 2.4897, -5.2181



95.7700, 42.0184, -83.9903



28.4620, 12.5902, -24.9612

Previews

White Background



This preview shows how the YUV color 111.0670, -54.7560, 109.5662 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 111.0670, -54.7560, 109.5662 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 111.0670, -54.7560, 109.5662 Background



This preview shows how black text looks on a background with the YUV color 111.0670, -54.7560, 109.5662.



This preview shows how white text looks on a background with the YUV color 111.0670, -54.7560, 109.5662.

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

111.0670, -54.7560, 109.5662

Protanopia

122.9280, -47.7855, 20.2341

Deuteranopia

121.2370, -59.7698, 37.5032



Tritanopia

116.0690, -24.1910, 106.0565

Trichromacy



Original Color

111.0670, -54.7560, 109.5662

Protanomaly

118.8550, -50.2145, 52.7472

Deuteranomaly

117.2710, -57.8146, 63.7833

Tritanomaly

114.5070, -35.2530, 107.4264

Monochromacy



Original Color

111.0670, -54.7560, 109.5662

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0900, -19.7644, 39.3861

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0670, -54.7560, 109.5662 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(236, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(236, 69, 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(236, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 69, 0) }
```

Border

The CSS property to change the border of an element to YUV 111.0670, -54.7560, 109.5662 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(236, 69, 0) }
```


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

```
.border{ border-color:rgb(236, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(236, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(236, 69, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 111.0670, -54.7560, 109.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 69, 0) }
```

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

```
.background{ background-color: rgb(236, 69,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor