

# Converting Colors

YUV(111.4090, -53.4456,  
109.2663)

Have a look what the booklet for  
YUV(111.4090, -53.4456, 109.2663)  
contains.

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# Color

**YUV(111.4090, -53.4456,  
109.2663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC4503
RGB	236, 69, 3
RGB Percent	93%, 27%, 1%
CMY	0.0745, 0.7294, 0.9882
CMYK	0.00, 0.71, 0.99, 0.07
HSL	17°, 97%, 47%
HSV	17°, 99%, 93%
XYZ	36.7366, 22.0957, 2.4148
YIQ	111.4090, 120.7180, 14.8780

# Conversions

## Conversions Part 2

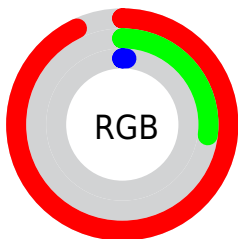
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">236, 95, 3</a>
Decimal	<a href="#">15484163</a>
CIELab	<a href="#">54.13, 61.94, 64.72</a>
CIELCh	<a href="#">54, 89.581, 46.259</a>
Yxy	<a href="#">22.0957, 0.5998, 0.3608</a>
Android (android.graphics.Color)	<a href="#">4293674243 (0xFFEC4503)</a>
YUV	<a href="#">111.4090, -53.4456, 109.2663</a>
Hunter-Lab	<a href="#">47.0060, 57.2425, 29.8584</a>

# Details

The YUV color **111.4090, -53.4456, 109.2663** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **127.5910, 53.4456, -109.2663**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9760, -46.8232, 85.0900**, and **51.1290, -25.2066, 105.1269** is the 20% darker color. If you saturate the color by 10%, you get **109.8930, -54.1772, 110.5958**, and if you desaturate by 10%, it is **124.1240, -47.8821, 98.1153**.

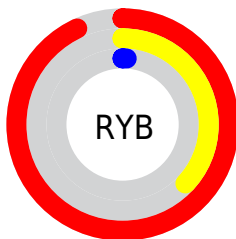
# Distribution



Red (93%)

Green (27%)

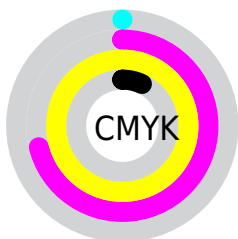
Blue (1%)



Red (93%)

Yellow (37%)

Blue (1%)

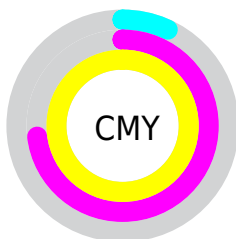


Cyan (0%)

Magenta (71%)

Yellow (99%)

Black (7%)



Cyan (7%)

Magenta (73%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.4090, -53.4456, 109.2663 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 111.4090, -53.4456, 109.2663 by changing the saturation by 10% instead.



111.4090,  
-53.4456, 109.2663

111.4090,  
-53.4456, 109.2663

255.0000, 0.0000,  
0.0000

81.8290, -40.3417,  
106.2670

157.9760,  
-46.8232, 85.0900

51.1290, -25.2066,  
105.1269

177.3760,  
-43.5694, 68.0762

41.2620, -20.3422,  
84.8392

197.3630,  
-40.6050, 50.5476

31.9930, -15.7725,  
65.7811

217.4640,  
-37.2038, 32.9191

23.2510, -10.4767,  
47.1379

237.6790,  
-33.3657, 15.1905


14.5800, -6.2019,  
29.3093


248.5020,


0.0000, 0.0000,


-24.8975, 5.6987


0.0000


 251.6940,  
-12.6671, 2.8994


 111.4090,  
-53.4456, 109.2663


 111.4090,  
-53.4456, 109.2663


 109.8930,  
-54.1772, 110.5958

 124.1240,  
-47.8821, 98.1153

 136.7250,  
-42.7554, 87.0642

 149.4400,  
-37.1919, 75.9131

 162.0410,  
-32.0652, 64.8620

 174.7560,  
-26.5017, 53.7110

186.8840,  
-20.6488, 43.0747

199.4850,  
-15.5221, 32.0237

212.2000, -9.9586,  
20.8726

224.8010, -4.8319,  
9.8215

# Harmonies

## Analogous

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



86.7330, 2.5966, 147.5702



111.4090, -53.4456, 109.2663



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.



111.4090, -53.4456, 109.2663



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.



111.4090, -53.4456, 109.2663



127.5910, 53.4456, -109.2663

# 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



111.4090, -53.4456, 109.2663



114.0010, 28.1005, -99.9789

# Square

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



111.4090, -53.4456, 109.2663



89.8110, -44.2768, -78.7642



120.8070, 59.2551, -105.9477



129.3850, 53.5472, 45.2664



# Rectangle

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



111.4090, -53.4456, 109.2663



120.2410, -59.2788, 19.9596



120.8070, 59.2551, -105.9477



108.3150, 72.3157, -94.9923

# Sweetspot

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



111.4090, -53.4456, 109.2663



214.0510, -17.2801, 35.9123



92.1610, 40.3466, 126.1468



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.



111.4090, -53.4456, 109.2663



118.5090, -58.4249, 119.7026



177.7400, -86.1468, 51.0940



111.0500, -2.4896, 5.2182



84.0560, -41.4396, 85.0199



24.9510, -12.3008, 25.4760

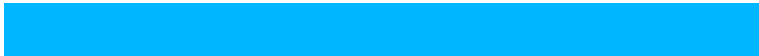


# Inverse Universe

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



127.5910, 53.4456, -109.2663



136.4910, 58.4249, -119.7026



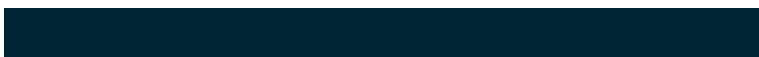
61.2600, 86.1468, -51.0940



111.9500, 2.4897, -5.2181



96.9440, 41.4396, -85.0199



28.4620, 12.5902, -24.9612



# Previews

## White Background



This preview shows how the YUV color 111.4090, -53.4456, 109.2663 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 111.4090, -53.4456, 109.2663 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 111.4090, -53.4456, 109.2663 Background



This preview shows how black text looks on a background with the YUV color 111.4090, -53.4456, 109.2663.



This preview shows how white text looks on a background with the YUV color 111.4090, -53.4456, 109.2663.



# 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

111.4090, -53.4456, 109.2663

### Protanopia

122.9280, -47.7855, 20.2341

### Deuteranopia

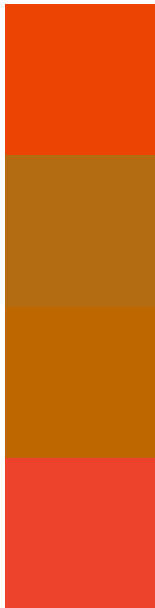
121.2370, -59.7698, 37.5032



## Tritanopia

116.0690, -24.1910, 106.0565

# Trichromacy



## Original Color

111.4090, -53.4456, 109.2663

## Protanomaly

118.9690, -49.7777, 52.6472

## Deuteranomaly

117.3850, -57.3778, 63.6834

## Tritanomaly

114.6210, -34.8162, 107.3264

# Monochromacy



## Original Color

111.4090, -53.4456, 109.2663

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

111.2040, -19.3276, 39.2861

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.4090, -53.4456, 109.2663 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(236, 69, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 69, 3) }
```

## Border

The CSS property to change the border of an element to YUV 111.4090, -53.4456, 109.2663 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, 3) }
```



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

```
.border{ border-color:rgb(236, 69, 3) }
```

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, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 69, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 69, 3);  
box-shadow:4px 4px 4px 4px rgb(236, 69, 3)  
}
```

# Background

The CSS property to change the background color of an element to YUV 111.4090, -53.4456, 109.2663 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, 3) }
```

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

```
.background{ background-color: rgb(236, 69,  
3) }
```

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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