

Converting Colors

YUV(113.6590, -56.0339,
99.4001)

Have a look what the booklet for
YUV(113.6590, -56.0339, 99.4001)
contains.

YUV(113.6590, -56.0339, 99.4001)	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>	30

Color

**YUV(113.6590, -56.0339,
99.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	E34E00
RGB	227, 78, 0
RGB Percent	89%, 31%, 0%
CMY	0.1098, 0.6941, 1.0000
CMYK	0.00, 0.66, 1.00, 0.11
HSL	21°, 100%, 45%
HSV	21°, 100%, 89%
XYZ	34.4029, 21.7797, 2.3907
YIQ	113.6590, 113.8420, 7.3300

Conversions

Conversions Part 2

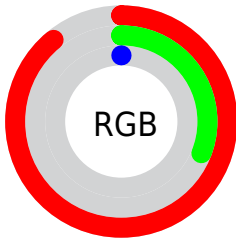
Format	Color
R_{YB}	227, 119, 0
Decimal	14896640
CIE Lab	53.79, 55.50, 64.33
CIE LCh	54, 84.963, 49.212
Yxy	21.7797, 0.5873, 0.3718
Android (android.graphics.Color)	4293086720 (0xFFE34E00)
YUV	113.6590, -56.0339, 99.4001
Hunter-Lab	46.6687, 49.9153, 29.6309

Details

The YUV color **113.6590, -56.0339, 99.4001** 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 **113.3410, 56.0339, -99.4001**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3840, -48.9963, 82.1012**, and **54.6070, -26.9213, 95.0607** is the 20% darker color. If you saturate the color by 10%, you get **113.6590, -56.0339, 99.4001**, and if you desaturate by 10%, it is **125.0860, -50.3284, 89.3786**.

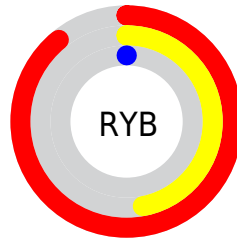
Distribution



Red (89%)

Green (31%)

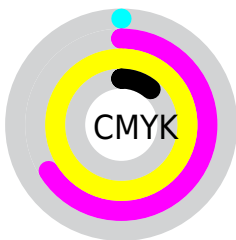
Blue (0%)



Red (89%)

Yellow (47%)

Blue (0%)

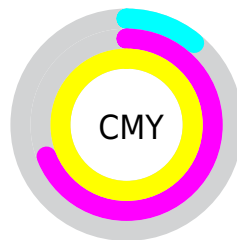


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6590, -56.0339, 99.4001 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 113.6590, -56.0339, 99.4001 by changing the saturation by 10% instead.

113.6590,
-56.0339, 99.4001

113.6590,
-56.0339, 99.4001

255.0000, 0.0000,
0.0000

87.0680, -42.9245,
94.6564

161.3840,
-48.9963, 82.1012

54.6070, -26.9213,
95.0607

180.7840,
-45.7425, 65.0874

39.1690, -19.3103,
80.5358

200.8850,
-42.3413, 47.4589

29.9000, -14.7407,
61.4777

220.2850,
-39.0875, 30.4451

21.3430, -10.0291,
43.5492

241.0870,
-35.5389, 12.2017


12.6720, -5.7543,
25.7207


248.3880,


0.0000, 0.0000,


-25.3343, 5.7987

0.0000


 251.5800,
-13.1039, 2.9993

 113.6590,
-56.0339, 99.4001

 125.0860,
-50.3284, 89.3786

 136.3990,
-45.0597, 79.4571

 147.8260,
-39.3542, 69.4356

 159.2530,
-33.6487, 59.4141

 170.6800,
-27.9432, 49.3926

■ 181.4060,
-22.3852, 39.9859

■ 192.8330,
-16.6797, 29.9645

■ 204.2600,
-10.9742, 19.9430

■ 215.5730, -5.7055,
10.0215

Harmonies

Analogous

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



94.5440, -4.2122, 138.0889



113.6590, -56.0339, 99.4001



121.3140, -59.8078, 49.7136

Triad

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



113.6590, -56.0339, 99.4001



103.4450, -2.1914, -90.7213



100.0970, 76.3672, -87.7851

Complementary

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



113.6590, -56.0339, 99.4001



113.3410, 56.0339, -99.4001

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.



114.7720, 69.1324, -100.6550



113.6590, -56.0339, 99.4001



113.2830, 30.4265, -99.3492

Square

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



113.6590, -56.0339, 99.4001



89.3380, -43.5506, -78.3494



119.5190, 59.3971, -104.8182



128.6370, 48.0000, 51.1844

Rectangle

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



113.6590, -56.0339, 99.4001



118.7350, -58.5364, 15.1414



119.5190, 59.3971, -104.8182



105.9670, 73.4733, -92.9331

Sweetspot

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



113.6590, -56.0339, 99.4001



216.9860, -18.7271, 33.3383



85.0870, 32.4951, 124.4577



104.5590, -11.1216, 20.5578



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.



113.6590, -56.0339, 99.4001



127.9010, -63.0552, 111.4658



178.8160, -88.1563, 42.2574



108.9360, -2.9264, 5.3181



89.3280, -44.0387, 78.6423



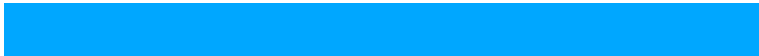
25.8150, -12.7268, 22.0872

Inverse Universe

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



113.3410, 56.0339, -99.4001



127.0990, 63.0552, -111.4658



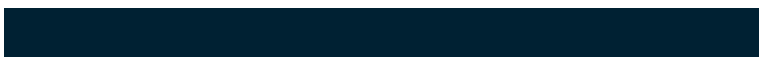
48.1840, 88.1563, -42.2574



109.0640, 2.9264, -5.3181



89.0850, 44.3281, -78.1275



25.1850, 12.7268, -22.0872

Previews

White Background



This preview shows how the YUV color 113.6590, -56.0339, 99.4001 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 113.6590, -56.0339, 99.4001 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 113.6590, -56.0339, 99.4001

Background



This preview shows how black text looks on a background with the YUV color 113.6590, -56.0339, 99.4001.

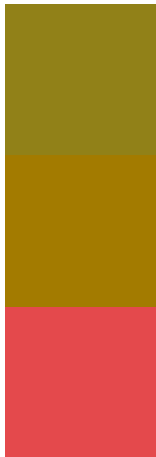


This preview shows how white text looks on a background with the YUV color 113.6590, -56.0339, 99.4001.

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

121.8140, -48.2223, 20.3341

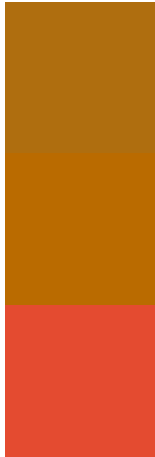
Deuteranopia

120.9380, -59.6224, 36.8884

Tritanopia

119.6870, -21.5377, 94.9905

Trichromacy



Protanomaly

118.6050, -51.0773, 49.4584

Deuteranomaly

118.4230, -58.3825, 59.2650

Tritanomaly

117.6690, -34.3468, 96.7603

Monochromacy



Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9540, -20.1903, 35.9973

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6590, -56.0339, 99.4001 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(227, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 78, 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(227, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 78, 0) }
```

Border

The CSS property to change the border of an element to YUV 113.6590, -56.0339, 99.4001 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(227, 78, 0) }
```

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

```
.border{ border-color:rgb(227, 78, 0) }
```

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

Here you see how a box with a 4 pixel rgb(227, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 78, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 113.6590, -56.0339, 99.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 78, 0) }
```

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

```
.background{ background-color: rgb(227, 78,  
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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