

Converting Colors

YUV(108.3450, -43.0611,
91.7824)

Have a look what the booklet for
YUV(108.3450, -43.0611, 91.7824)
contains.

YUV(108.3450, -43.0611, 91.7824)	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(108.3450, -43.0611,
91.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	D54815
RGB	213, 72, 21
RGB Percent	84%, 28%, 8%
CMY	0.1647, 0.7176, 0.9176
CMYK	0.00, 0.66, 0.90, 0.16
HSL	16°, 82%, 46%
HSV	16°, 90%, 84%
XYZ	29.8933, 18.8350, 2.7694
YIQ	108.3450, 100.4070, 14.0310

Conversions

Conversions Part 2

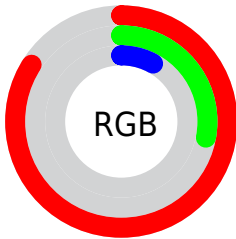
Format	Color
R _Y B	213, 90, 21
Decimal	13977621
CIE Lab	50.49, 53.42, 55.83
CIE LCh	50, 77.266, 46.263
Yxy	18.8350, 0.5805, 0.3657
Android (android.graphics.Color)	4292167701 (0xFFD54815)
YUV	108.3450, -43.0611, 91.7824
Hunter-Lab	43.3993, 47.0014, 26.5961

Details

The YUV color **108.3450, -43.0611, 91.7824** 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 **125.6550, 43.0611, -91.7824**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0020, -42.8920, 84.1902**, and **45.4370, -22.4004, 91.7018** is the 20% darker color. If you saturate the color by 10%, you get **97.1460, -47.8930, 101.6040**, and if you desaturate by 10%, it is **120.1310, -38.5186, 81.4461**.

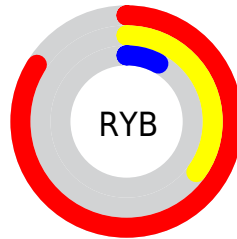
Distribution



Red (84%)

Green (28%)

Blue (8%)



Red (84%)

Yellow (35%)

Blue (8%)

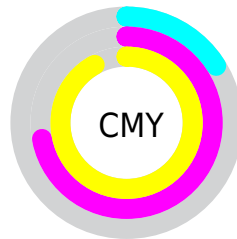


Cyan (0%)

Magenta (66%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (72%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3450, -43.0611, 91.7824 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 108.3450, -43.0611, 91.7824 by changing the saturation by 10% instead.

■ 108.3450,
-43.0611, 91.7824

■ 108.3450,
-43.0611, 91.7824

■ 255.0000, 0.0000,
0.0000

■ 79.3600, -39.1245,
89.1383

■ 159.0020,
-42.8920, 84.1902

■ 45.4370, -22.4004,
91.7018

■ 178.2880,
-40.0750, 67.2764

■ 35.2820, -17.3940,
72.5437

■ 197.6880,
-36.8212, 50.2626

■ 26.3120, -12.9718,
54.1004

■ 217.2020,
-33.1306, 33.1488

■ 18.4670, -8.1182,
37.3014

■ 237.8900,
-30.0188, 15.0055

■ 7.5890, -3.2484,
15.2694

■ 249.3000,

■ 0.0000, 0.0000,

-21.8399, 4.9989

0.0000

252.6060, -9.1728,
2.0995

108.3450,
-43.0611, 91.7824

108.3450,
-43.0611, 91.7824

97.1460, -47.8930,
101.6040

120.1310,
-38.5186, 81.4461

131.4440,
-33.2499, 71.5246

143.2300,
-28.7074, 61.1883

155.0160,
-24.1649, 50.8520

166.3290,
-18.8962, 40.9305

■ 178.1150,
-14.3537, 30.5941

■ 189.3140, -9.5218,
20.7726

■ 201.1000, -4.9793,
10.4363

■ 213.0000, 0.0000,
0.0000

Harmonies

Analogous

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



96.1350, -4.0106, 120.0306



108.3450, -43.0611, 91.7824



113.3510, -55.8820, 50.5582

Triad

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



108.3450, -43.0611, 91.7824



95.5060, -4.6865, -83.7588



96.3640, 74.7565, -84.5112

Complementary

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



108.3450, -43.0611, 91.7824



125.6550, 43.0611, -91.7824

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.



108.9190, 69.5529, -95.5220



108.3450, -43.0611, 91.7824



104.5460, 24.8738, -91.6868

Square

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



108.3450, -43.0611, 91.7824



82.1800, -40.5147, -72.0719



110.2120, 51.6605, -96.6559



121.6370, 44.5490, 38.0294

Rectangle

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



108.3450, -43.0611, 91.7824



111.6800, -55.0582, 19.5746



110.2120, 51.6605, -96.6559



102.2170, 74.3360, -89.6443

Sweetspot

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



108.3450, -43.0611, 91.7824



217.1970, -15.3801, 33.1532



94.8240, 34.5968, 103.6404



105.7160, -9.2270, 19.5431



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.



108.3450, -43.0611, 91.7824



116.1610, -57.2674, 121.7618



162.9360, -69.9744, 43.9061



101.0500, -2.4896, 5.2182



77.5440, -38.2292, 81.9609



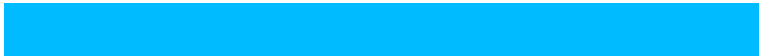
19.9010, -9.8112, 20.2578

Inverse Universe

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



125.6550, 43.0611, -91.7824



138.8390, 57.2674, -121.7618



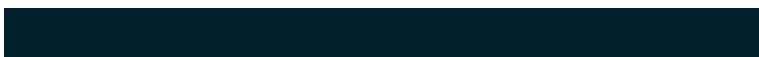
71.0640, 69.9744, -43.9061



101.9500, 2.4897, -5.2181



92.8690, 38.5186, -81.4461



23.6860, 9.5218, -20.7726

Previews

White Background



This preview shows how the YUV color 108.3450, -43.0611, 91.7824 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 108.3450, -43.0611, 91.7824 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 108.3450, -43.0611, 91.7824

Background



This preview shows how black text looks on a background with the YUV color 108.3450, -43.0611, 91.7824.



This preview shows how white text looks on a background with the YUV color 108.3450, -43.0611, 91.7824.

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

108.3450, -43.0611, 91.7824

Protanopia

115.4530, -40.6493, 18.0197

Deuteranopia

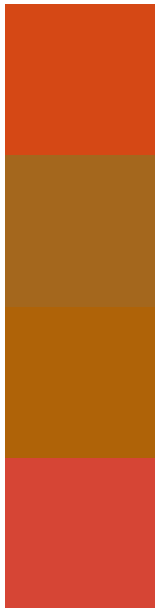
113.2520, -55.8332, 34.8590



Tritanopia

111.4090, -19.9216, 89.9723

Trichromacy



Original Color

108.3450, -43.0611, 91.7824

Protanomaly

112.8030, -41.3149, 44.8998

Deuteranomaly

111.3500, -50.9515, 55.8211

Tritanomaly

110.5310, -28.3628, 90.7423

Monochromacy



Original Color

108.3450, -43.0611, 91.7824

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0830, -15.8169, 33.2532

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3450, -43.0611, 91.7824 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(213, 72, 21)` looks like.

```
.text, #text, p{  
    color:rgb(213, 72, 21)  
}
```

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(213, 72, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 72, 21) }
```

Border

The CSS property to change the border of an element to YUV 108.3450, -43.0611, 91.7824 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(213, 72, 21) }
```


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

```
.border{ border-color:rgb(213, 72, 21) }
```

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

Here you see how a box with a 4 pixel rgb(213, 72, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 72, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 72, 21);  
box-shadow:4px 4px 4px 4px rgb(213, 72,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 108.3450, -43.0611, 91.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 72, 21) }
```

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

```
.background{ background-color: rgb(213, 72,  
21) }
```

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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