

Converting Colors

YUV(68.7460, -30.9338,
122.1258)

Have a look what the booklet for
YUV(68.7460, -30.9338, 122.1258)
contains.

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Color

**YUV(68.7460, -30.9338,
122.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	D00A06
RGB	208, 10, 6
RGB Percent	82%, 4%, 2%
CMY	0.1843, 0.9608, 0.9765
CMYK	0.00, 0.95, 0.97, 0.18
HSL	1°, 94%, 42%
HSV	1°, 97%, 82%
XYZ	26.1538, 13.6401, 1.4266
YIQ	68.7460, 119.2920, 40.7320

Conversions

Conversions Part 2

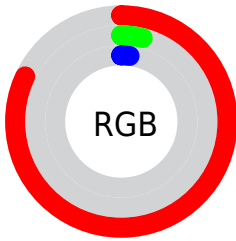
Format	Color
RYB	208, 10, 6
Decimal	13634054
CIELab	43.71, 67.83, 55.80
CIELCh	44, 87.836, 39.442
Yxy	13.6401, 0.6345, 0.3309
Android (android.graphics.Color)	4291824134 (0xFFD00A06)
YUV	68.7460, -30.9338, 122.1258
Hunter-Lab	36.9325, 61.7731, 23.5625

Details

The YUV color **68.7460, -30.9338, 122.1258** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **145.2540, 30.9338, -122.1258**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3990, -38.1577, 105.7671**, and **42.7570, -21.0792, 87.9131** is the 20% darker color. If you saturate the color by 10%, you get **64.5400, -31.8182, 125.8144**, and if you desaturate by 10%, it is **82.8800, -27.5488, 109.7302**.

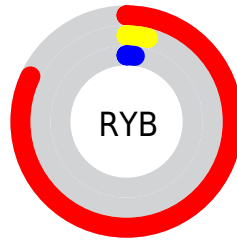
Distribution



Red (82%)

Green (4%)

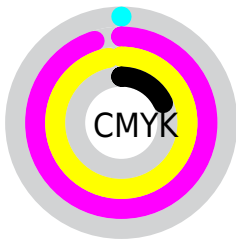
Blue (2%)



Red (82%)

Yellow (4%)

Blue (2%)

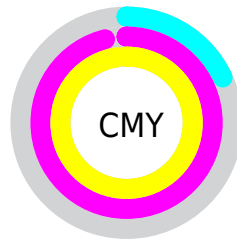


Cyan (0%)

Magenta (95%)

Yellow (97%)

Black (18%)



Cyan (18%)

Magenta (96%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7460, -30.9338, 122.1258 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 68.7460, -30.9338, 122.1258 by changing the saturation by 10% instead.

■ 68.7460, -30.9338,
122.1258

■ 68.7460, -30.9338,
122.1258

■ 253.7460, -4.8048,
1.0998

■ 52.6240, -25.9436,
108.2008

■ 134.3990,
-38.1577, 105.7671

■ 42.7570, -21.0792,
87.9131

■ 154.8590,
-35.9195, 87.8237

■ 33.1890, -16.3622,
68.2402

■ 174.7320,
-33.3919, 70.3950

■ 24.4470, -11.0664,
49.5970

■ 194.7190,
-30.4275, 52.8664

■ 15.4770, -6.6442,
31.1537


■ 215.4070,
-27.3157, 34.7231


■ 0.0000, 0.0000,
0.0000


■ 235.5080,


-23.9144, 17.0945


 250.4400,
-17.4719, 3.9991


 68.7460, -30.9338,
122.1258


 68.7460, -30.9338,
122.1258

 64.5400, -31.8182,
125.8144

 82.8800, -27.5488,
109.7302

 97.6010, -24.4533,
96.8199

 111.6210,
-21.5052, 84.5244

 126.3420,
-18.4096, 71.6141

 140.4760,
-15.0247, 59.2185

■ 154.6100,
-11.6397, 46.8230

■ 169.3310, -8.5442,
33.9127

■ 183.3510, -5.5960,
21.6172

■ 197.4850, -2.2111,
9.2217

Harmonies

Analogous

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



76.5520, 3.6719, 129.3119



68.7460, -30.9338, 122.1258



96.5940, -47.6208, 60.8691

Triad

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



68.7460, -30.9338, 122.1258



81.0810, -16.8019, -71.1080



91.4230, 78.6715, -80.1780

Complementary

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



68.7460, -30.9338, 122.1258



145.2540, 30.9338, -122.1258

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.



100.9630, 69.5312, -88.5446



68.7460, -30.9338, 122.1258



91.1470, 16.6895, -79.9359

Square

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



68.7460, -30.9338, 122.1258



71.6140, -35.3057, -62.8055



99.2410, 47.7022, -87.0344



102.4420, 56.9701, 20.6604

Rectangle

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



68.7460, -30.9338, 122.1258



97.5590, -48.0966, 26.6968



99.2410, 47.7022, -87.0344



96.3470, 77.2299, -84.4963

Sweetspot

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



68.7460, -30.9338, 122.1258



204.3000, -11.4869, 44.4639



89.0840, 57.1466, 104.2893



97.0420, -6.9227, 27.1502



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.



68.7460, -30.9338, 122.1258



79.1800, -39.0357, 154.1941



127.4460, -59.8729, 70.6459



97.2890, -1.6215, 6.7625



51.9930, -25.6325, 101.7381



12.8460, -6.3331, 24.6911

Inverse Universe

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



145.2540, 30.9338, -122.1258



175.8200, 39.0357, -154.1941



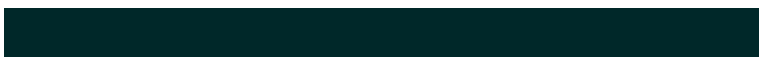
86.5540, 59.8729, -70.6459



101.1240, 1.9109, -6.2477



116.0070, 25.6325, -101.7381



28.1540, 6.3331, -24.6911

Previews

White Background



This preview shows how the YUV color 68.7460, -30.9338, 122.1258 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.7460, -30.9338, 122.1258

Background



This preview shows how black text looks on a background with the YUV color 68.7460, -30.9338, 122.1258.



This preview shows how white text looks on a background with the YUV color 68.7460, -30.9338,

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

68.7460, -30.9338, 122.1258

Protanopia

100.1090, -35.5497, 15.6904

Deuteranopia

98.1680, -48.3968, 29.6707



Tritanopia

73.0460, -36.0117, 117.4777

Trichromacy



Original Color

68.7460, -30.9338, 122.1258

Protanomaly

88.5190, -33.7799, 54.7958

Deuteranomaly

87.3970, -42.1007, 63.6728

Tritanomaly

71.5130, -34.2699, 118.8221

Monochromacy



Original Color

68.7460, -30.9338, 122.1258

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3000, -11.4869, 44.4639

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7460, -30.9338, 122.1258 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(208, 10, 6)` looks like.

```
.text, #text, p{  
    color:rgb(208, 10, 6)  
}
```

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(208, 10, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 10, 6) }
```

Border

The CSS property to change the border of an element to YUV 68.7460, -30.9338, 122.1258 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(208, 10, 6) }
```


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

```
.border{ border-color:rgb(208, 10, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 10, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 10, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 10, 6);  
box-shadow:4px 4px 4px 4px rgb(208, 10, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.7460, -30.9338, 122.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 10, 6) }
```

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

```
.background{ background-color: rgb(208, 10,  
6) }
```

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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