

Converting Colors

YUV(89.3000, -38.1089,
90.0679)

Have a look what the booklet for
YUV(89.3000, -38.1089, 90.0679)
contains.

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Color

**YUV(89.3000, -38.1089,
90.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	C0340C
RGB	192, 52, 12
RGB Percent	75%, 20%, 5%
CMY	0.2471, 0.7961, 0.9529
CMYK	0.00, 0.73, 0.94, 0.25
HSL	13°, 88%, 40%
HSV	13°, 94%, 75%
XYZ	23.0326, 13.6890, 1.7761
YIQ	89.3000, 96.2800, 17.2400

Conversions

Conversions Part 2

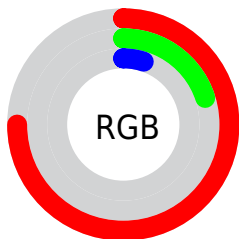
Format	Color
R_{YB}	192, 63, 12
Decimal	12596236
CIE Lab	43.78, 54.04, 52.35
CIE LCh	44, 75.238, 44.093
Yxy	13.6890, 0.5983, 0.3556
Android (android.graphics.Color)	4290786316 (0xFFC0340C)
YUV	89.3000, -38.1089, 90.0679
Hunter-Lab	36.9986, 46.3731, 23.0528

Details

The YUV color **89.3000, -38.1089, 90.0679** 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 **114.7000, 38.1089, -90.0679**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8230, -41.3247, 94.8712**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **82.6490, -40.7460, 95.9008**, and if you desaturate by 10%, it is **100.2710, -34.1506, 80.4463**.

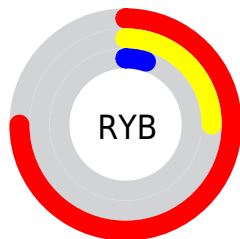
Distribution



Red (75%)

Green (20%)

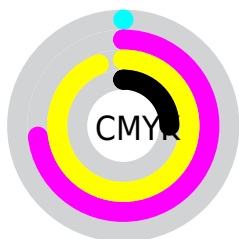
Blue (5%)



Red (75%)

Yellow (25%)

Blue (5%)

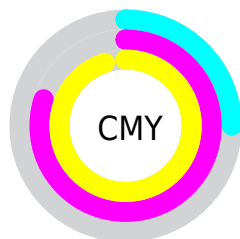


Cyan (0%)

Magenta (73%)

Yellow (94%)

Black (25%)



Cyan (25%)


Magenta (80%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.3000, -38.1089, 90.0679 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 89.3000, -38.1089, 90.0679 by changing the saturation by 10% instead.


 89.3000, -38.1089,
90.0679


 89.3000, -38.1089,
90.0679


 254.5440, -1.7472,
0.3999


 58.1180, -28.6522,
90.2275


 146.8230,
-41.3247, 94.8712

 38.5710, -19.0155,
79.3062

 165.4080,
-38.6551, 78.5722

 29.6010, -14.5933,
60.8629

 184.8080,
-35.4013, 61.5584

 20.7450, -9.7343,
42.3196

 204.7950,
-32.4369, 44.0298


 12.0740, -5.4595,
24.4911


 224.3090,
-28.7463, 26.9160


 0.0000, 0.0000,
0.0000


 245.1110,


-25.1977, 8.6727


 251.2380,
-14.4143, 3.2993


 89.3000, -38.1089,
90.0679


 89.3000, -38.1089,
90.0679


 82.6490, -40.7460,
95.9008

 100.2710,
-34.1506, 80.4463

 111.2420,
-30.1923, 70.8248

 122.3270,
-25.7972, 61.1032

 133.2980,
-21.8389, 51.4817

 144.2690,
-17.8806, 41.8601

■ 155.2400,
-13.9223, 32.2385

■ 166.2110, -9.9640,
22.6170

■ 176.7090, -5.2795,
13.4102

■ 187.6800, -1.3212,
3.7886

Harmonies

Analogous

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



71.2690, 2.8254, 120.7901



89.3000, -38.1089, 90.0679



97.4030, -48.0197, 48.7586

Triad

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



89.3000, -38.1089, 90.0679



82.1870, -7.4872, -72.0780



85.7520, 69.6353, -75.2045

Complementary

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



89.3000, -38.1089, 90.0679



114.7000, 38.1089, -90.0679

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.



96.0900, 63.5526, -84.2709



89.3000, -38.1089, 90.0679



90.7710, 20.3259, -79.6062

Square

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



89.3000, -38.1089, 90.0679



71.6140, -35.3057, -62.8055



96.7960, 45.9496, -84.8901



104.5930, 44.5707, 31.0519

Rectangle

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



89.3000, -38.1089, 90.0679



96.6290, -47.6381, 19.6194



96.7960, 45.9496, -84.8901



90.7900, 68.6305, -79.6228

Sweetspot

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



89.3000, -38.1089, 90.0679



209.7350, -14.6594, 35.3124



81.8940, 35.0553, 96.5630



100.7270, -9.2324, 21.2874



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3000, -38.1089, 90.0679



107.6220, -53.0576, 124.8655



141.5430, -63.8647, 44.2508



91.1640, -2.0529, 5.1182



69.2710, -34.1506, 80.4463



13.9760, -6.8902, 16.6840

Inverse Universe

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



114.7000, 38.1089, -90.0679



142.3780, 53.0576, -124.8655



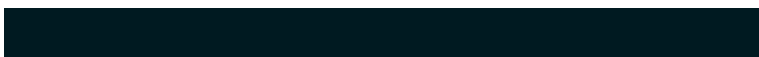
62.4570, 63.8647, -44.2508



92.8360, 2.0529, -5.1182



91.7290, 34.1506, -80.4463



19.0240, 6.8902, -16.6840

Previews

White Background



This preview shows how the YUV color 89.3000, -38.1089, 90.0679 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



This preview shows how the YUV color 89.3000, -38.1089, 90.0679 looks on a 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 89.3000, -38.1089, 90.0679

Background



This preview shows how black text looks on a background with the YUV color 89.3000, -38.1089, 90.0679.



This preview shows how white text looks on a background with the YUV color 89.3000, -38.1089,

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

89.3000, -38.1089, 90.0679

Protanopia

99.5820, -36.2759, 15.2756

Deuteranopia

97.5810, -48.1074, 30.1855



Tritanopia

92.1700, -20.7898, 88.4279

Trichromacy



Original Color

89.3000, -38.1089, 90.0679

Protanomaly

95.9320, -36.9415, 42.1556

Deuteranomaly

94.6360, -44.6835, 52.0622

Tritanomaly

91.1610, -27.1944, 89.3128

Monochromacy



Original Color

89.3000, -38.1089, 90.0679

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2400, -13.9223, 32.2385

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3000, -38.1089, 90.0679 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(192, 52, 12)` looks like.

```
.text, #text, p{  
    color:rgb(192, 52, 12)  
}
```

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(192, 52, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 52, 12) }
```

Border

The CSS property to change the border of an element to YUV 89.3000, -38.1089, 90.0679 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(192, 52, 12) }
```


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

```
.border{ border-color:rgb(192, 52, 12) }
```

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

Here you see how a box with a 4 pixel rgb(192, 52, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 52, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 52, 12);  
box-shadow:4px 4px 4px 4px rgb(192, 52,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 89.3000, -38.1089, 90.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 52, 12) }
```

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

```
.background{ background-color: rgb(192, 52,  
12) }
```

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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