

Converting Colors

YUV(78.8940, -38.8947,
108.8410)

Have a look what the booklet for
YUV(78.8940, -38.8947, 108.8410)
contains.

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Color

**YUV(78.8940, -38.8947,
108.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	CB1F00
RGB	203, 31, 0
RGB Percent	80%, 12%, 0%
CMY	0.2039, 0.8784, 1.0000
CMYK	0.00, 0.85, 1.00, 0.20
HSL	9°, 100%, 40%
HSV	9°, 100%, 80%
XYZ	25.1186, 13.6765, 1.3159
YIQ	78.8940, 112.4630, 26.8230

Conversions

Conversions Part 2

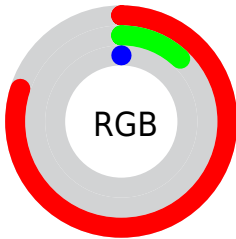
Format	Color
R_{YB}	203, 37, 0
Decimal	13311744
CIE _{Lab}	43.77, 63.26, 57.15
CIE _{LCh}	44, 85.247, 42.095
Yxy	13.6765, 0.6262, 0.3410
Android (android.graphics.Color)	4291501824 (0xFFCB1F00)
YUV	78.8940, -38.8947, 108.8410
Hunter-Lab	36.9817, 56.5221, 23.7775

Details

The YUV color **78.8940, -38.8947, 108.8410** 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 **124.1060, 38.8947, -108.8410**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7530, -41.7832, 101.9486**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **78.8940, -38.8947, 108.8410**, and if you desaturate by 10%, it is **91.1530, -35.0784, 98.0898**.

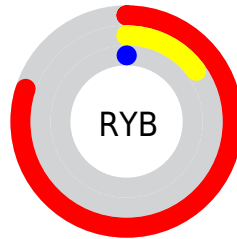
Distribution



Red (80%)

Green (12%)

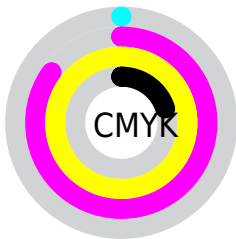
Blue (0%)



Red (80%)

Yellow (15%)

Blue (0%)

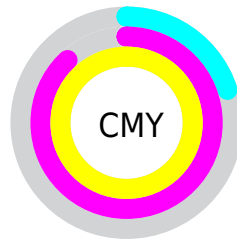


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (88%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 78.8940, -38.8947, 108.8410 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 78.8940, -38.8947, 108.8410 by changing the saturation by 10% instead.


 78.8940, -38.8947,
108.8410


 78.8940, -38.8947,
108.8410


 253.4040, -6.1152,
1.3997


 51.1290, -25.2066,
105.1269


 138.7530,
-41.7832, 101.9486


 41.5610, -20.4896,
85.4540


 158.0390,
-38.9662, 85.0348


 31.9930, -15.7725,
65.7811

 177.9120,
-36.4386, 67.6062

 23.2510, -10.4767,
47.1379

 197.8990,
-33.4742, 50.0776

 14.2810, -6.0545,
28.6946


 218.0000,
-30.0730, 32.4490


 0.0000, 0.0000,
0.0000


 238.1010,


-26.6718, 14.8204


 250.0980,
-18.7823, 4.2991


 78.8940, -38.8947,
108.8410

 91.1530, -35.0784,
98.0898

 103.5260,
-30.8253, 87.2387

 116.3720,
-27.2984, 75.9728

 128.6310,
-23.4821, 65.2216

 141.0040,
-19.2290, 54.3705

■ 153.2630,
-15.4127, 43.6193

■ 165.5220,
-11.5963, 32.8682

■ 178.3680, -8.0694,
21.6023

■ 190.7410, -3.8163,
10.7511

Harmonies

Analogous

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



75.0850, 1.9301, 127.9675



78.8940, -38.8947, 108.8410



97.1480, -47.8940, 55.1212

Triad

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



78.8940, -38.8947, 108.8410



82.1070, -12.8708, -72.0078



88.9780, 76.9188, -78.0337

Complementary

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



78.8940, -38.8947, 108.8410



124.1060, 38.8947, -108.8410

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.



100.2620, 69.3838, -87.9298



78.8940, -38.8947, 108.8410



91.8310, 19.3103, -80.5358

Square

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



78.8940, -38.8947, 108.8410



72.2010, -35.5951, -63.3203



99.4690, 48.5758, -87.2343



102.7590, 52.8698, 29.1524

Rectangle

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



78.8940, -38.8947, 108.8410



96.9390, -47.7909, 21.9785



99.4690, 48.5758, -87.2343



94.6030, 75.6247, -82.9668

Sweetspot

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



78.8940, -38.8947, 108.8410



208.1810, -14.3862, 41.0603



80.4190, 45.6424, 107.5035



99.8630, -8.8065, 24.6761



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.



78.8940, -38.8947, 108.8410



99.1380, -48.8750, 136.6910



138.1810, -68.1232, 56.8463



95.5770, -1.7635, 5.6330



64.3090, -31.7043, 89.1830



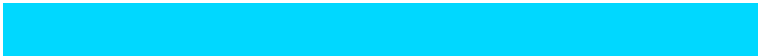
14.8840, -7.3378, 20.2727

Inverse Universe

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



124.1060, 38.8947, -108.8410



155.8620, 48.8750, -136.6910



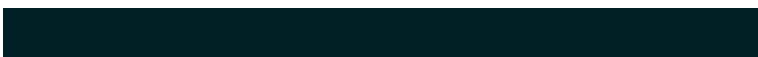
64.8190, 68.1232, -56.8463



97.8360, 2.0529, -5.1182



101.1040, 31.9937, -88.6682



23.1160, 7.3378, -20.2727

Previews

White Background



This preview shows how the YUV color 78.8940, -38.8947, 108.8410 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

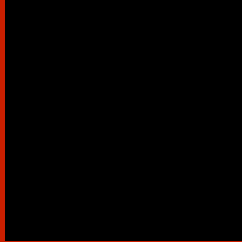
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8940, -38.8947, 108.8410

Background



This preview shows how black text looks on a background with the YUV color 78.8940, -38.8947, 108.8410.



This preview shows how white text looks on a background with the YUV color 78.8940, -38.8947,

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

78.8940, -38.8947, 108.8410

Protanopia

99.7670, -36.8601, 15.9903

Deuteranopia

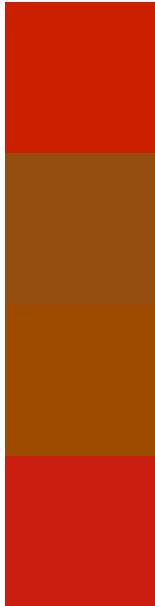
98.1680, -48.3968, 29.6707



Tritanopia

80.7980, -26.5224, 107.1712

Trichromacy



Original Color

78.8940, -38.8947, 108.8410

Protanomaly

92.1610, -37.5474, 49.8478

Deuteranomaly

91.2670, -44.9946, 58.5248

Tritanomaly

80.2450, -31.1798, 107.6561

Monochromacy



Original Color

78.8940, -38.8947, 108.8410

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1700, -14.3808, 39.3159

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8940, -38.8947, 108.8410 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(203, 31, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 31, 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(203, 31, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 31, 0) }
```

Border

The CSS property to change the border of an element to YUV 78.8940, -38.8947, 108.8410 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(203, 31, 0) }
```


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

```
.border{ border-color:rgb(203, 31, 0) }
```

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

Here you see how a box with a 4 pixel rgb(203, 31, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 31, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 31, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 31, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.8940, -38.8947, 108.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 31, 0) }
```

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

```
.background{ background-color: rgb(203, 31,  
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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