

Converting Colors

YUV(78.8390, -38.8676,
100.1192)

Have a look what the booklet for
YUV(78.8390, -38.8676, 100.1192)
contains.

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Color

**YUV(78.8390, -38.8676,
100.1192)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C12400 |
| RGB | 193, 36, 0 |
| RGB Percent | 76%, 14%, 0% |
| CMY | 0.2431, 0.8588, 1.0000 |
| CMYK | 0.00, 0.81, 1.00, 0.24 |
| HSL | 11°, 100%, 38% |
| HSV | 11°, 100%, 76% |
| XYZ | 22.6232, 12.5992, 1.2395 |
| YIQ | 78.8390, 105.1280, 22.0880 |

Conversions

Conversions Part 2

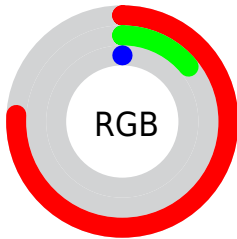
| Format | Color |
|-------------------------------------|---|
| RYB | 193, 44, 0 |
| Decimal | 12657664 |
| CIELab | 42.15, 59.21, 55.27 |
| CIElCh | 42, 80.997, 43.032 |
| Yxy | 12.5992, 0.6205, 0.3455 |
| Android (android.graphics.Color) | 4290847744 (0xFFC12400) |
| YUV | 78.8390, -38.8676, 100.1192 |
| Hunter-Lab | 35.4954, 51.6512, 22.7763 |

Details

The YUV color **78.8390, -38.8676, 100.1192** 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 **114.1610, 38.8676, -100.1192**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2260, -42.5094, 101.5338**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **78.8390, -38.8676, 100.1192**, and if you desaturate by 10%, it is **90.3970, -35.1987, 89.9828**.

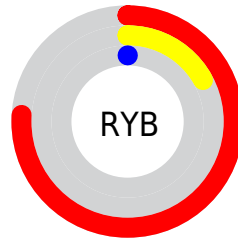
Distribution



Red (76%)

Green (14%)

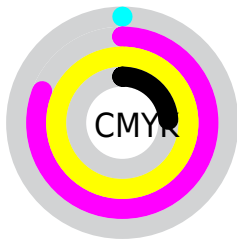
Blue (0%)



Red (76%)

Yellow (17%)

Blue (0%)

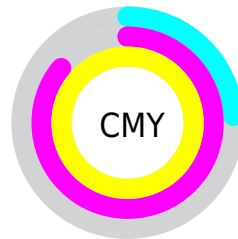


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8390, -38.8676, 100.1192 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 78.8390, -38.8676, 100.1192 by changing the saturation by 10% instead.

■ 78.8390, -38.8676,
100.1192

■ 78.8390, -38.8676,
100.1192

■ 253.2900, -6.5520,
1.4997

■ 48.1390, -23.7325,
98.9791

■ 139.2260,
-42.5094, 101.5338

■ 38.5710, -19.0155,
79.3062

■ 158.5120,
-39.6924, 84.6200

■ 29.3020, -14.4459,
60.2481

■ 177.7980,
-36.8754, 67.7062

■ 20.8590, -9.2975,
42.2197

■ 197.1980,
-33.6216, 50.6924

■ 11.7750, -5.3121,
23.8763


■ 217.2990,
-30.2204, 33.0638


■ 0.0000, 0.0000,
0.0000


■ 237.9870,


-27.1086, 14.9204

 249.9840,
-19.2191, 4.3990


 78.8390, -38.8676,
100.1192

 90.3970, -35.1987,
89.9828

 101.4820,
-30.8036, 80.2613

 113.0400,
-27.1347, 70.1249

 124.5980,
-23.4658, 59.9886

 135.6830,
-19.0707, 50.2670

■ 147.2410,
-15.4018, 40.1306

■ 158.7990,
-11.7329, 29.9943

■ 170.3570, -8.0640,
19.8579

■ 181.4420, -3.6689,
10.1364

Harmonies

Analogous

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



71.5250, 1.2202, 122.3196



78.8390, -38.8676, 100.1192



93.5820, -46.1359, 51.2326

Triad

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



78.8390, -38.8676, 100.1192



79.2860, -10.9870, -69.5338



84.5610, 72.6874, -74.1600

Complementary

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



78.8390, -38.8676, 100.1192



114.1610, 38.8676, -100.1192

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.



95.3720, 65.8786, -83.6412



78.8390, -38.8676, 100.1192



88.5540, 19.4469, -77.6619

Square

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



78.8390, -38.8676, 100.1192



69.2660, -34.1481, -60.7463



95.1490, 47.2545, -83.4457



99.1460, 49.2280, 30.5670

Rectangle

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



78.8390, -38.8676, 100.1192



93.3840, -46.0383, 19.8342



95.1490, 47.2545, -83.4457



89.7130, 72.1195, -78.6783

Sweetspot

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



78.8390, -38.8676, 100.1192



205.6430, -15.1070, 38.9011



75.7190, 40.5645, 102.8554



98.1510, -8.9484, 23.5466



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.



78.8390, -38.8676, 100.1192



102.3390, -50.4531, 129.4987



135.1910, -66.6492, 50.6985



91.1640, -2.0529, 5.1182



65.7490, -32.4143, 83.5351



13.3890, -6.6008, 17.1988

Inverse Universe

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



114.1610, 38.8676, -100.1192



147.6610, 50.4531, -129.4987



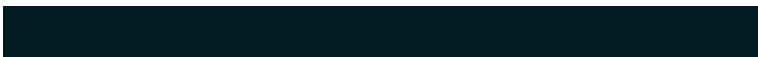
57.8090, 66.6492, -50.6985



92.8360, 2.0529, -5.1182



95.2510, 32.4143, -83.5351



19.6110, 6.6008, -17.1988

Previews

White Background



This preview shows how the YUV color 78.8390, -38.8676, 100.1192 looks on a white background.

Color Contrast Check

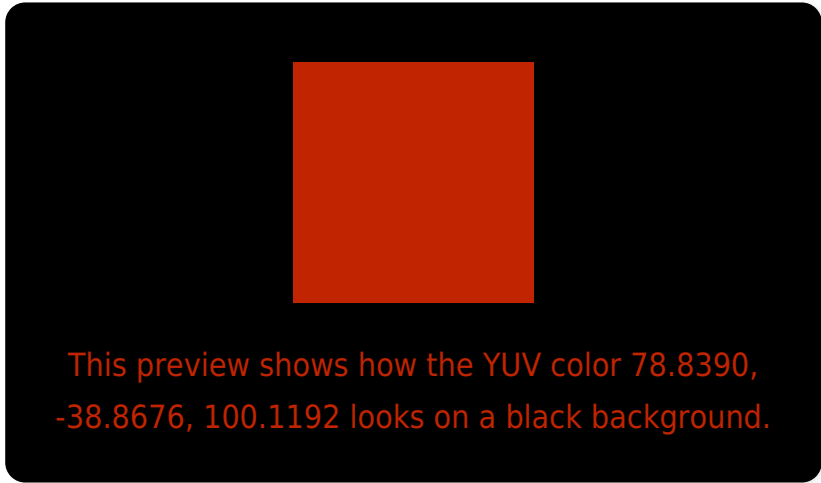
Large Text (above 18pt) WCAG AA ✓ Pass

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

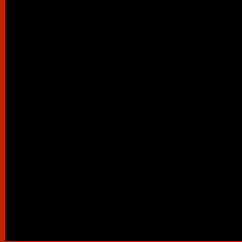
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8390, -38.8676, 100.1192

Background



This preview shows how black text looks on a background with the YUV color 78.8390, -38.8676, 100.1192.



This preview shows how white text looks on a background with the YUV color 78.8390, -38.8676,

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

78.8390, -38.8676, 100.1192

Protanopia

95.6960, -35.8391, 15.1756

Deuteranopia

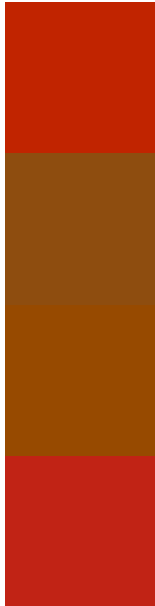
94.3250, -46.5022, 28.6560



Tritanopia

81.4270, -23.8745, 97.8495

Trichromacy



Original Color

78.8390, -38.8676, 100.1192

Protanomaly

89.3670, -36.6629, 46.1591

Deuteranomaly

88.5870, -43.6734, 54.7362

Tritanomaly

80.6460, -29.4055, 98.5345

Monochromacy



Original Color

78.8390, -38.8676, 100.1192

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.5610, -14.0806, 36.3420

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8390, -38.8676, 100.1192 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(193, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 36, 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(193, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 36, 0) }
```

Border

The CSS property to change the border of an element to YUV 78.8390, -38.8676, 100.1192 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(193, 36, 0) }
```


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

```
.border{ border-color:rgb(193, 36, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 36, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 36, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 36, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 36, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.8390, -38.8676, 100.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 36, 0) }
```

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

```
.background{ background-color: rgb(193, 36,  
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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