

Converting Colors

YUV(89.6710, -44.2078,
86.2345)

Have a look what the booklet for
YUV(89.6710, -44.2078, 86.2345)
contains.

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Color

**YUV(89.6710, -44.2078,
86.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	BC3900
RGB	188, 57, 0
RGB Percent	74%, 22%, 0%
CMY	0.2627, 0.7765, 1.0000
CMYK	0.00, 0.70, 1.00, 0.26
HSL	18°, 100%, 37%
HSV	18°, 100%, 74%
XYZ	22.2022, 13.6176, 1.4583
YIQ	89.6710, 96.3730, 10.0450

Conversions

Conversions Part 2

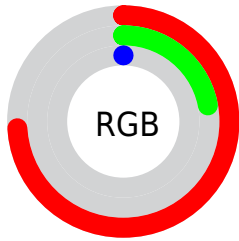
Format	Color
RYB	188, 82, 0
Decimal	12335360
CIELab	43.68, 50.69, 55.40
CIELCh	44, 75.093, 47.540
Yxy	13.6176, 0.5956, 0.3653
Android (android.graphics.Color)	4290525440 (0xFFBC3900)
YUV	89.6710, -44.2078, 86.2345
Hunter-Lab	36.9021, 42.8161, 23.4884

Details

The YUV color **89.6710, -44.2078, 86.2345** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **98.3290, 44.2078, -86.2345**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8890, -44.8083, 92.1823**, and **37.6740, -18.5733, 77.4619** is the 20% darker color. If you saturate the color by 10%, you get **89.6710, -44.2078, 86.2345**, and if you desaturate by 10%, it is **99.4680, -39.6707, 77.6426**.

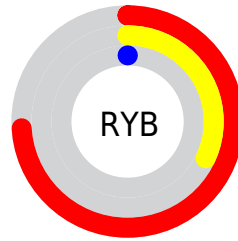
Distribution



Red (74%)

Green (22%)

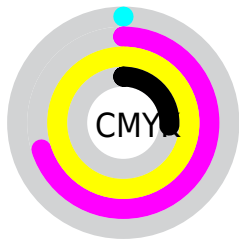
Blue (0%)



Red (74%)

Yellow (32%)

Blue (0%)

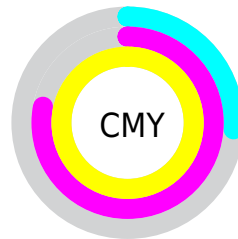


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (78%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.6710, -44.2078, 86.2345 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 89.6710, -44.2078, 86.2345 by changing the saturation by 10% instead.


 89.6710, -44.2078,
86.2345


 89.6710, -44.2078,
86.2345


 253.7460, -4.8048,
1.0998


 62.2050, -30.6671,
83.1352


 146.8890,
-44.8083, 92.1823


 37.6740, -18.5733,
77.4619


 167.0720,
-42.4335, 77.1129


 28.4050, -14.0037,
58.4038

 185.7710,
-39.3271, 60.7138

 19.8480, -9.2921,
40.4753

 205.1710,
-36.0733, 43.7000

 11.1770, -5.0173,
22.6468


 225.2720,
-32.6721, 26.0715


 0.0000, 0.0000,
0.0000


 246.0740,

-29.1235, 7.8281


 250.4400,
-17.4719, 3.9991

 89.6710, -44.2078,
86.2345

 99.4680, -39.6707,
77.6426

 109.2650,
-35.1336, 69.0506

 118.9480,
-31.0334, 60.5586

 128.7450,
-26.4963, 51.9666

 139.1290,
-22.2486, 42.8599

■ 148.9260,
-17.7115, 34.2679

■ 158.7230,
-13.1744, 25.6759

■ 168.4060, -9.0742,
17.1839

■ 178.2030, -4.5371,
8.5920

Harmonies

Analogous

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



70.1720, -0.0848, 120.8752



89.6710, -44.2078, 86.2345



97.3700, -48.0034, 43.5255

Triad

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



89.6710, -44.2078, 86.2345



82.9850, -4.4296, -72.7778



83.6490, 69.1930, -73.3602

Complementary

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



89.6710, -44.2078, 86.2345



98.3290, 44.2078, -86.2345

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.



95.7310, 64.7156, -83.9561



89.6710, -44.2078, 86.2345



91.5690, 23.3835, -80.3060

Square

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



89.6710, -44.2078, 86.2345



71.6140, -35.3057, -62.8055



96.7790, 48.4230, -84.8752



103.3660, 42.2176, 39.1440

Rectangle

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



89.6710, -44.2078, 86.2345



95.7100, -47.1850, 14.2863



96.7790, 48.4230, -84.8752



88.9150, 69.0619, -77.9785

Sweetspot

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



89.6710, -44.2078, 86.2345



206.6270, -17.5641, 33.6531



71.2600, 29.9448, 102.3810



99.3740, -10.5374, 19.8430



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



89.6710, -44.2078, 86.2345



116.6930, -57.5296, 112.5252



144.2620, -71.1212, 38.3582



89.4520, -2.1948, 3.9886



75.4180, -37.1811, 72.4244



14.5520, -7.1741, 14.4249

Inverse Universe

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



98.3290, 44.2078, -86.2345



128.3070, 57.5296, -112.5252



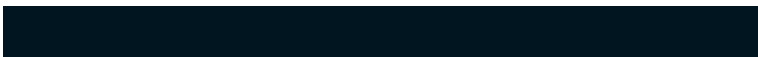
43.7380, 71.1212, -38.3582



89.5480, 2.1948, -3.9886



82.5820, 37.1811, -72.4244



15.8610, 7.4635, -13.9101

Previews

White Background



This preview shows how the YUV color 89.6710, -44.2078, 86.2345 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 89.6710, -44.2078, 86.2345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

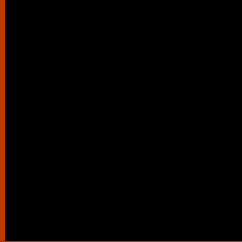
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6710, -44.2078, 86.2345

Background



This preview shows how black text looks on a background with the YUV color 89.6710, -44.2078, 86.2345.



This preview shows how white text looks on a background with the YUV color 89.6710, -44.2078,

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

89.6710, -44.2078, 86.2345

Protanopia

98.3110, -38.6073, 16.3903

Deuteranopia

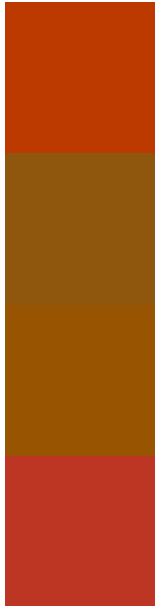
97.2820, -47.9600, 29.5707



Tritanopia

93.8920, -19.1738, 83.4097

Trichromacy



Original Color

89.6710, -44.2078, 86.2345

Protanomaly

95.3080, -40.5778, 41.8259

Deuteranomaly

94.7560, -46.7147, 50.2030

Tritanomaly

92.1990, -28.1991, 84.8945

Monochromacy



Original Color

89.6710, -44.2078, 86.2345

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9580, -16.2483, 31.6088

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6710, -44.2078, 86.2345 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(188, 57, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 57, 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(188, 57, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 57, 0) }
```

Border

The CSS property to change the border of an element to YUV 89.6710, -44.2078, 86.2345 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(188, 57, 0) }
```


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

```
.border{ border-color:rgb(188, 57, 0) }
```

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

Here you see how a box with a 4 pixel rgb(188, 57, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 57, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 57, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 57, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.6710, -44.2078, 86.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 57, 0) }
```

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

```
.background{ background-color: rgb(188, 57,  
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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