

Converting Colors

YUV(89.3610, -44.0550,
83.8754)

Have a look what the booklet for
YUV(89.3610, -44.0550, 83.8754)
contains.

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Color

**YUV(89.3610, -44.0550,
83.8754)**

Conversions

Conversions Part 1

Format	Color
Hex	B93A00
RGB	185, 58, 0
RGB Percent	73%, 23%, 0%
CMY	0.2745, 0.7725, 1.0000
CMYK	0.00, 0.69, 1.00, 0.27
HSL	19°, 100%, 36%
HSV	19°, 100%, 73%
XYZ	21.5206, 13.3404, 1.4407
YIQ	89.3610, 94.3100, 8.8860

Conversions

Conversions Part 2

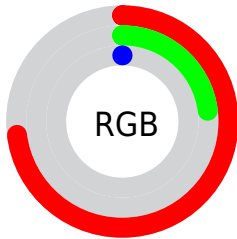
Format	Color
RYB	185, 84, 0
Decimal	12139008
CIELab	43.27, 49.27, 54.89
CIELCh	43, 73.756, 48.089
Yxy	13.3404, 0.5928, 0.3675
Android (android.graphics.Color)	4290329088 (0xFFB93A00)
YUV	89.3610, -44.0550, 83.8754
Hunter-Lab	36.5245, 41.2562, 23.2285

Details

The YUV color **89.3610, -44.0550, 83.8754** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **95.6390, 44.0550, -83.8754**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5790, -44.6554, 89.8232**, and **36.7770, -18.1311, 75.6176** is the 20% darker color. If you saturate the color by 10%, you get **89.3610, -44.0550, 83.8754**, and if you desaturate by 10%, it is **99.0440, -39.9547, 75.3834**.

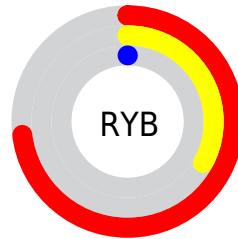
Distribution



Red (73%)

Green (23%)

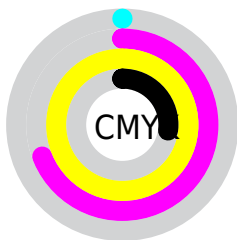
Blue (0%)



Red (73%)

Yellow (33%)

Blue (0%)

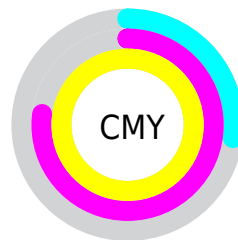


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3610, -44.0550, 83.8754 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 89.3610, -44.0550, 83.8754 by changing the saturation by 10% instead.

89.3610, -44.0550,
83.8754

89.3610, -44.0550,
83.8754

253.6320, -5.2416,
1.1997

62.4820, -30.8036,
80.2613

146.5790,
-44.6554, 89.8232

36.7770, -18.1311,
75.6176

167.0720,
-42.4335, 77.1129

27.8070, -13.7089,
57.1743

186.3580,
-39.6165, 60.1990

19.2500, -8.9972,
39.2458

205.7580,
-36.3627, 43.1852


10.2800, -4.5750,
20.8024


225.2720,
-32.6721, 26.0715


0.0000, 0.0000,
0.0000

246.0740,


-29.1235, 7.8281


 250.4400,
-17.4719, 3.9991


 89.3610, -44.0550,
83.8754

 99.0440, -39.9547,
75.3834

 108.2540,
-35.1282, 67.3062

 118.0510,
-30.5911, 58.7143

 127.7340,
-26.4909, 50.2223

 137.5310,
-21.9538, 41.6303

■ 146.6270,
-17.5641, 33.6531

■ 156.4240,
-13.0270, 25.0612

■ 166.1070, -8.9268,
16.5692

■ 175.3170, -4.1003,
8.4920

Harmonies

Analogous

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



69.1610, -0.0794, 119.1308



89.3610, -44.0550, 83.8754



96.7720, -47.7086, 42.2960

Triad

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



89.3610, -44.0550, 83.8754



82.5120, -3.7034, -72.3630



82.0190, 68.0246, -71.9307

Complementary

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



89.3610, -44.0550, 83.8754



95.6390, 44.0550, -83.8754

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.



94.1010, 63.5472, -82.5266



89.3610, -44.0550, 83.8754



90.9820, 23.6729, -79.7912

Square

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



89.3610, -44.0550, 83.8754



71.0270, -35.0163, -62.2907



95.9640, 47.8387, -84.1604



102.3230, 40.7598, 40.0587

Rectangle

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



89.3610, -44.0550, 83.8754



94.5250, -46.6008, 13.5716



95.9640, 47.8387, -84.1604



87.2850, 67.8935, -76.5489

Sweetspot

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



89.3610, -44.0550, 83.8754



202.4420, -16.9799, 32.9384



70.1350, 29.5134, 100.7366



97.4880, -10.1006, 19.7430



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



89.3610, -44.0550, 83.8754



115.7850, -57.0820, 108.9366



142.1910, -70.1002, 37.5435



86.8650, -1.9054, 4.5034



75.4070, -37.1757, 70.6801



13.6550, -6.7319, 12.5806

Inverse Universe

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



95.6390, 44.0550, -83.8754



124.2150, 57.0820, -108.9366



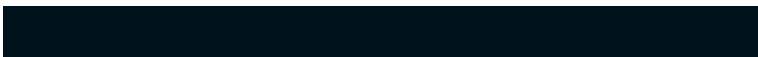
42.8090, 70.1002, -37.5435



87.5480, 2.1948, -3.9886



80.5930, 37.1757, -70.6801



14.3450, 6.7319, -12.5806

Previews

White Background



This preview shows how the YUV color 89.3610, -44.0550, 83.8754 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 89.3610, -44.0550, 83.8754 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 89.3610, -44.0550, 83.8754

Background



This preview shows how black text looks on a background with the YUV color 89.3610, -44.0550, 83.8754.



This preview shows how white text looks on a background with the YUV color 89.3610, -44.0550,

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



Protanopia

97.4250, -38.1705, 16.2903

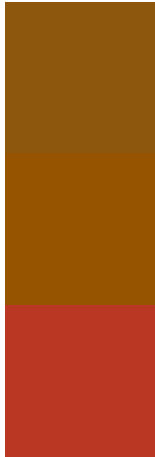
Deuteranopia

96.3960, -47.5232, 29.4707

Tritanopia

93.8100, -18.1473, 80.8506

Trichromacy



Protanomaly

94.7100, -40.2830, 40.5963

Deuteranomaly

93.5710, -46.1305, 49.4882

Tritanomaly

92.0030, -27.6095, 82.4354

Monochromacy



Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3600, -15.9535, 30.3793

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3610, -44.0550, 83.8754 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(185, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 58, 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(185, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 58, 0) }
```

Border

The CSS property to change the border of an element to YUV 89.3610, -44.0550, 83.8754 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(185, 58, 0) }
```

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

```
.border{ border-color:rgb(185, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(185, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 58, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 89.3610, -44.0550, 83.8754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 58, 0) }
```

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

```
.background{ background-color: rgb(185, 58,  
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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