

Converting Colors

YUV(88.4090, -43.5856,
73.3093)

Have a look what the booklet for
YUV(88.4090, -43.5856, 73.3093)
contains.

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Color

**YUV(88.4090, -43.5856,
73.3093)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | AC3F00 |
| RGB | 172, 63, 0 |
| RGB Percent | 67%, 25%, 0% |
| CMY | 0.3255, 0.7529, 1.0000 |
| CMYK | 0.00, 0.63, 1.00, 0.33 |
| HSL | 22°, 100%, 34% |
| HSV | 22°, 100%, 67% |
| XYZ | 18.7908, 12.3257, 1.3887 |
| YIQ | 88.4090, 85.1870, 3.5150 |

Conversions

Conversions Part 2

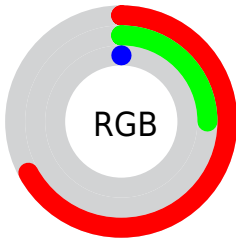
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 172, 99, 0 |
| Decimal | 11288320 |
| CIE _{Lab} | 41.73, 42.44, 52.80 |
| CIE _{LCh} | 42, 67.748, 51.208 |
| Yxy | 12.3257, 0.5781, 0.3792 |
| Android (android.graphics.Color) | 4289478400 (0xFFAC3F00) |
| YUV | 88.4090, -43.5856, 73.3093 |
| Hunter-Lab | 35.1079, 34.0994, 22.2303 |

Details

The YUV color **88.4090, -43.5856, 73.3093** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **83.5910, 43.5856, -73.3093**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7410, -43.7493, 79.1571**, and **34.9500, -17.2304, 66.6958** is the 20% darker color. If you saturate the color by 10%, you get **88.4090, -43.5856, 73.3093**, and if you desaturate by 10%, it is **96.8040, -39.3434, 65.9469**.

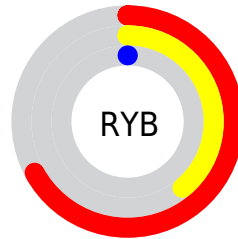
Distribution



Red (67%)

Green (25%)

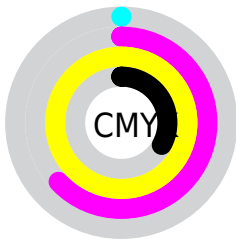
Blue (0%)



Red (67%)

Yellow (39%)

Blue (0%)

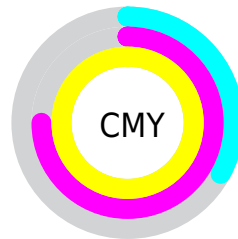


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4090, -43.5856, 73.3093 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 88.4090, -43.5856, 73.3093 by changing the saturation by 10% instead.

88.4090, -43.5856,
73.3093

88.4090, -43.5856,
73.3093

253.6320, -5.2416,
1.1997

64.1770, -31.6393,
68.2508

143.7410,
-43.7493, 79.1571

34.9500, -17.2304,
66.6958

168.7190,
-43.7385, 75.6684

24.5180, -12.0874,
50.4117

187.5320,
-40.1953, 59.1694

16.5590, -7.6706,
33.7128

206.9320,
-36.9415, 42.1556

4.7840, -2.3585,
9.8364


226.4460,
-33.2509, 25.0419


0.0000, 0.0000,
0.0000


246.5470,


-29.8497, 7.4133


 250.3260,
-17.9087, 4.0991

 88.4090, -43.5856,
73.3093

 96.8040, -39.3434,
65.9469

 105.1990,
-35.1011, 58.5845

 113.7080,
-30.4220, 51.1221

 122.1030,
-26.1798, 43.7597

 130.4980,
-21.9375, 36.3973

■ 138.3060,
-17.4059, 29.5496

■ 146.7010,
-13.1636, 22.1872

■ 155.2100, -8.4845,
14.7248

■ 163.6050, -4.2423,
7.3624

Harmonies

Analogous

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



79.1510, -8.4554, 98.9686



88.4090, -43.5856, 73.3093



92.8960, -45.7977, 36.0482

Triad

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



88.4090, -43.5856, 73.3093



80.1470, -0.0725, -70.2889



88.6330, 56.8759, -42.6511

Complementary

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



88.4090, -43.5856, 73.3093



83.5910, 43.5856, -73.3093

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.



88.5100, 59.8946, -77.6233



88.4090, -43.5856, 73.3093



87.2320, 24.5356, -76.5025

Square

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



88.4090, -43.5856, 73.3093



70.3890, -27.3068, -61.7312



91.5300, 46.0807, -80.2718



98.4390, 34.7866, 42.5880

Rectangle

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



88.4090, -43.5856, 73.3093



90.6600, -44.6954, 9.0682



91.5300, 46.0807, -80.2718



81.9390, 62.6411, -71.8605

Sweetspot

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



88.4090, -43.5856, 73.3093



191.7080, -17.1110, 28.3201



64.1960, 23.5674, 94.5441



92.7650, -10.2371, 16.8691



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



88.4090, -43.5856, 73.3093



115.1100, -56.7492, 95.4965



137.1300, -67.6051, 30.5810



82.4520, -2.1948, 3.9886



77.1350, -38.0276, 63.9026



11.5730, -5.7055, 10.0215

Inverse Universe

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



83.5910, 43.5856, -73.3093



108.8900, 56.7492, -95.4965



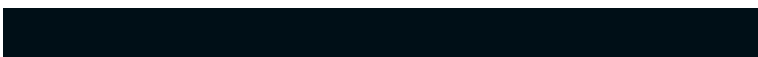
34.8700, 67.6051, -30.5810



82.5480, 2.1948, -3.9886



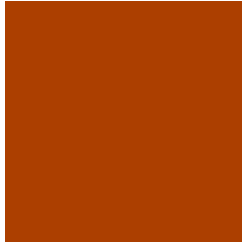
72.8650, 38.0276, -63.9026



11.4270, 5.7055, -10.0215

Previews

White Background



This preview shows how the YUV color 88.4090, -43.5856, 73.3093 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 88.4090, -43.5856, 73.3093 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 88.4090, -43.5856, 73.3093

Background



This preview shows how black text looks on a background with the YUV color 88.4090, -43.5856, 73.3093.



This preview shows how white text looks on a background with the YUV color 88.4090, -43.5856,

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

88.4090, -43.5856, 73.3093

Protanopia

94.2400, -37.5863, 15.5755

Deuteranopia

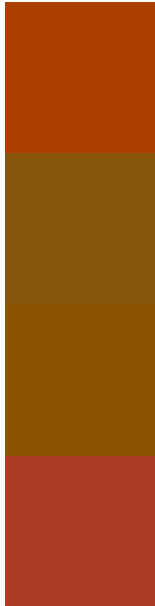
92.5530, -45.6286, 28.4560



Tritanopia

93.4280, -15.4940, 69.7846

Trichromacy



Original Color

88.4090, -43.5856, 73.3093

Protanomaly

92.3890, -40.1248, 36.4928

Deuteranomaly

91.1790, -44.9512, 44.5700

Tritanomaly

91.3930, -25.8297, 71.5693

Monochromacy



Original Color

88.4090, -43.5856, 73.3093

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3380, -15.9426, 26.8906

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4090, -43.5856, 73.3093 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(172, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 63, 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(172, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 63, 0) }
```

Border

The CSS property to change the border of an element to YUV 88.4090, -43.5856, 73.3093 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(172, 63, 0) }
```


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

```
.border{ border-color:rgb(172, 63, 0) }
```

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

Here you see how a box with a 4 pixel rgb(172, 63, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 63, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 63, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 63, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.4090, -43.5856, 73.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 63, 0) }
```

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

```
.background{ background-color: rgb(172, 63,  
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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