

Converting Colors

YUV(87.6770, -43.2248,
97.6303)

Have a look what the booklet for
YUV(87.6770, -43.2248, 97.6303)
contains.

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Color

**YUV(87.6770, -43.2248,
97.6303)**

Conversions

Conversions Part 1

Format	Color
Hex	C73000
RGB	199, 48, 0
RGB Percent	78%, 19%, 0%
CMY	0.2196, 0.8118, 1.0000
CMYK	0.00, 0.76, 1.00, 0.22
HSL	14°, 100%, 39%
HSV	14°, 100%, 78%
XYZ	24.6101, 14.2560, 1.4546
YIQ	87.6770, 105.4040, 17.0840

Conversions

Conversions Part 2

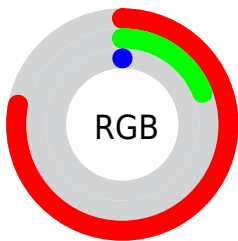
Format	Color
R_{YB}	199, 63, 0
Decimal	13053952
CIE Lab	44.60, 57.49, 57.02
CIE LCh	45, 80.972, 44.768
Yxy	14.2560, 0.6104, 0.3536
Android (android.graphics.Color)	4291244032 (0xFFC73000)
YUV	87.6770, -43.2248, 97.6303
Hunter-Lab	37.7571, 50.2715, 24.1459

Details

The YUV color **87.6770, -43.2248, 97.6303** 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 **111.3230, 43.2248, -97.6303**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7370, -44.2403, 96.7007**, and **40.3650, -19.8999, 82.9949** is the 20% darker color. If you saturate the color by 10%, you get **87.6770, -43.2248, 97.6303**, and if you desaturate by 10%, it is **98.7620, -38.8297, 87.9087**.

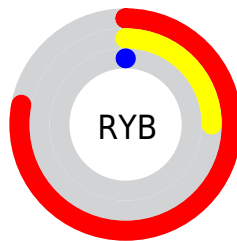
Distribution



Red (78%)

Green (19%)

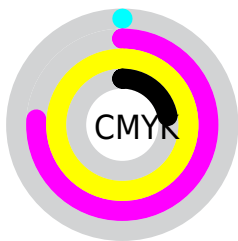
Blue (0%)



Red (78%)

Yellow (25%)

Blue (0%)

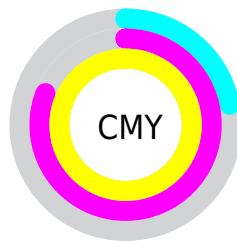


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (22%)



Cyan (22%)


Magenta (81%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 87.6770, -43.2248, 97.6303 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 87.6770, -43.2248, 97.6303 by changing the saturation by 10% instead.


 87.6770, -43.2248,
97.6303


 87.6770, -43.2248,
97.6303


 253.6320, -5.2416,
1.1997

 52.8680, -26.0639,
100.0938


 144.7370,
-44.2403, 96.7007


 40.3650, -19.8999,
82.9949


 164.0230,
-41.4233, 79.7868


 31.0960, -15.3303,
63.9368

 183.4230,
-38.1695, 62.7730

 22.2400, -10.4713,
45.3935

 202.8230,
-34.9157, 45.7592

 13.9820, -5.9071,
28.0798


 222.9240,
-31.5145, 28.1307


 0.0000, 0.0000,
0.0000

 243.6120,

-28.4027, 9.9873


 250.4400,
-17.4719, 3.9991

 87.6770, -43.2248,
97.6303

 98.7620, -38.8297,
87.9087

 109.8470,
-34.4346, 78.1872

 120.9320,
-30.0395, 68.4656

 132.0170,
-25.6444, 58.7441

 143.6890,
-21.5387, 48.5077

■ 154.6600,
-17.5804, 38.8862

■ 165.7450,
-13.1853, 29.1646

■ 176.8300, -8.7902,
19.4431

■ 187.9150, -4.3951,
9.7215

Harmonies

Analogous

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



74.1450, 0.9145, 127.0378



87.6770, -43.2248, 97.6303



99.7730, -49.1881, 50.1881

Triad

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



87.6770, -43.2248, 97.6303



84.5350, -8.6448, -74.1372



87.5930, 74.1507, -76.8191

Complementary

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



87.6770, -43.2248, 97.6303



111.3230, 43.2248, -97.6303

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.



99.9200, 68.0734, -87.6298



87.6770, -43.2248, 97.6303



93.8030, 21.7891, -82.2652

Square

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



87.6770, -43.2248, 97.6303



73.3750, -36.1739, -64.3499



100.2840, 49.1600, -87.9491



105.5380, 48.0488, 35.4852

Rectangle

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



87.6770, -43.2248, 97.6303



98.6890, -48.6537, 18.6897



100.2840, 49.1600, -87.9491



93.4460, 73.7301, -81.9521

Sweetspot

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



87.6770, -43.2248, 97.6303



212.2900, -16.4120, 37.4567



76.9430, 37.4961, 107.0440



102.2110, -9.9640, 22.6170



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.



87.6770, -43.2248, 97.6303



112.6390, -55.5310, 124.8506



145.2030, -71.5851, 47.1800



93.8650, -1.9054, 4.5034



71.6300, -35.3136, 80.1315



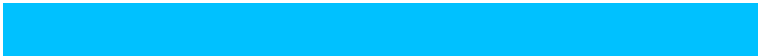
16.0470, -7.9112, 17.4988

Inverse Universe

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



111.3230, 43.2248, -97.6303



142.3610, 55.5310, -124.8506



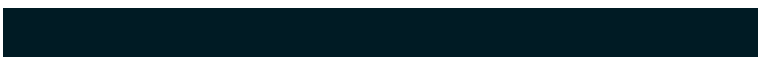
53.7970, 71.5851, -47.1800



95.1350, 1.9054, -4.5034



91.3700, 35.3136, -80.1315



19.9530, 7.9112, -17.4988

Previews

White Background



This preview shows how the YUV color 87.6770, -43.2248, 97.6303 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 87.6770, -43.2248, 97.6303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

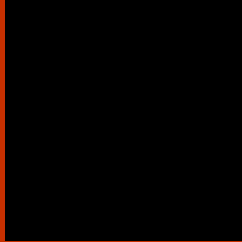
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.6770, -43.2248, 97.6303

Background



This preview shows how black text looks on a background with the YUV color 87.6770, -43.2248, 97.6303.



This preview shows how white text looks on a background with the YUV color 87.6770, -43.2248,

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

101.3110, -38.6073, 16.3903

Deuteranopia

99.3530, -48.9810, 30.3854

Tritanopia

91.4590, -22.4113, 95.1905

Trichromacy



Protanomaly

96.7430, -40.2993, 45.8294

Deuteranomaly

95.3760, -47.0204, 54.9212

Tritanomaly

90.1080, -30.1262, 96.3753

Monochromacy



Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.5070, -15.5330, 35.5124

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6770, -43.2248, 97.6303 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(199, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 48, 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(199, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 48, 0) }
```

Border

The CSS property to change the border of an element to YUV 87.6770, -43.2248, 97.6303 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(199, 48, 0) }
```

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

```
.border{ border-color:rgb(199, 48, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 48, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 48, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 87.6770, -43.2248, 97.6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 48, 0) }
```

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

```
.background{ background-color: rgb(199, 48,  
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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