

Converting Colors

YUV(89.7590, -44.2512,
100.1894)

Have a look what the booklet for
YUV(89.7590, -44.2512, 100.1894)
contains.

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Color

**YUV(89.7590, -44.2512,
100.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3100
RGB	204, 49, 0
RGB Percent	80%, 19%, 0%
CMY	0.2000, 0.8078, 1.0000
CMYK	0.00, 0.76, 1.00, 0.20
HSL	14°, 100%, 40%
HSV	14°, 100%, 80%
XYZ	26.0002, 15.0340, 1.5315
YIQ	89.7590, 108.1090, 17.6210

Conversions

Conversions Part 2

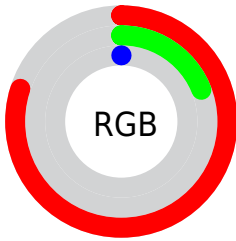
Format	Color
RYB	204, 64, 0
Decimal	13381888
CIELab	45.68, 58.71, 58.07
CIELCh	46, 82.576, 44.685
Yxy	15.0340, 0.6108, 0.3532
Android (android.graphics.Color)	4291571968 (0xFFCC3100)
YUV	89.7590, -44.2512, 100.1894
Hunter-Lab	38.7737, 51.8413, 24.7997

Details

The YUV color **89.7590, -44.2512, 100.1894** 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 **114.2410, 44.2512, -100.1894**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4380, -44.0929, 96.0859**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **89.7590, -44.2512, 100.1894**, and if you desaturate by 10%, it is **101.4310, -40.1455, 89.9530**.

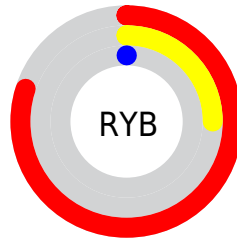
Distribution



Red (80%)

Green (19%)

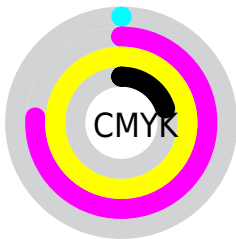
Blue (0%)



Red (80%)

Yellow (25%)

Blue (0%)

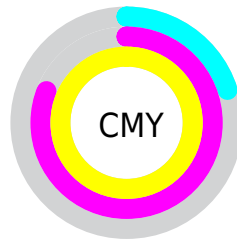


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (81%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.7590, -44.2512, 100.1894 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 89.7590, -44.2512, 100.1894 by changing the saturation by 10% instead.


 89.7590, -44.2512,
100.1894


 89.7590, -44.2512,
100.1894


 253.7460, -4.8048,
1.0998


 54.9500, -27.0903,
102.6529


 145.4380,
-44.0929, 96.0859


 41.8600, -20.6370,
86.0688


 164.7240,
-41.2759, 79.1721


 32.5910, -16.0674,
67.0107

 184.1240,
-38.0221, 62.1583

 23.4360, -11.0609,
47.8526

 204.1110,
-35.0577, 44.6297


 15.1780, -6.4968,
30.5389


 224.2120,
-31.6565, 27.0011


 0.0000, 0.0000,
0.0000


 244.9000,


-28.5447, 8.8577


 250.5540,
-17.0351, 3.8991


 89.7590, -44.2512,
100.1894

 101.4310,
-40.1455, 89.9530

 112.6300,
-35.3136, 80.1315

 124.3020,
-31.2079, 69.8951

 135.5010,
-26.3760, 60.0736

 147.1730,
-22.2703, 49.8373

■ 158.2580,
-17.8752, 40.1157

■ 170.0440,
-13.3327, 29.7794

■ 181.1290, -8.9376,
20.0579

■ 192.9150, -4.3951,
9.7215

Harmonies

Analogous

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



75.8680, 1.0511, 129.9118



89.7590, -44.2512, 100.1894



102.1430, -50.3565, 51.6176

Triad

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



89.7590, -44.2512, 100.1894



86.5240, -8.6393, -75.8815



90.0380, 75.9033, -78.9633

Complementary

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



89.7590, -44.2512, 100.1894



114.2410, 44.2512, -100.1894

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.



102.3650, 69.8261, -89.7741



89.7590, -44.2512, 100.1894



96.0200, 22.6681, -84.2095

Square

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



89.7590, -44.2512, 100.1894



75.1360, -37.0420, -65.8943



102.6150, 50.4758, -89.9934



108.1790, 49.2118, 35.8000

Rectangle

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



89.7590, -44.2512, 100.1894



100.7600, -49.6747, 19.5045



102.6150, 50.4758, -89.9934



95.8910, 75.4827, -84.0964

Sweetspot

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



89.7590, -44.2512, 100.1894



212.2900, -16.4120, 37.4567



78.7800, 38.0695, 109.8179



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.



89.7590, -44.2512, 100.1894



112.0520, -55.2416, 125.3654



149.0460, -73.4797, 48.1947



96.1640, -2.0529, 5.1182



73.1140, -36.0452, 81.4610



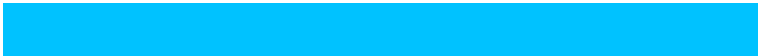
16.6450, -8.2060, 18.7283

Inverse Universe

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



114.2410, 44.2512, -100.1894



142.9480, 55.2416, -125.3654



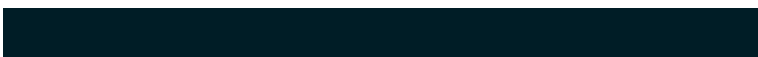
54.9540, 73.4797, -48.1947



97.8360, 2.0529, -5.1182



92.8860, 36.0452, -81.4610



21.3550, 8.2060, -18.7283

Previews

White Background



This preview shows how the YUV color 89.7590, -44.2512, 100.1894 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 89.7590, -44.2512, 100.1894 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 89.7590, -44.2512, 100.1894

Background



This preview shows how black text looks on a background with the YUV color 89.7590, -44.2512, 100.1894.



This preview shows how white text looks on a background with the YUV color 89.7590, -44.2512,

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

103.4960, -39.1915, 17.1050

Deuteranopia

102.3100, -50.4388, 31.3001

Tritanopia

93.6550, -23.0009, 97.6496

Trichromacy



Protanomaly

98.2270, -41.0309, 47.1589

Deuteranomaly

97.7460, -48.1888, 56.3508

Tritanomaly

92.3040, -30.7159, 98.8344

Monochromacy



Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6920, -16.1172, 36.2271

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7590, -44.2512, 100.1894 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(204, 49, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 49, 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(204, 49, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 49, 0) }
```

Border

The CSS property to change the border of an element to YUV 89.7590, -44.2512, 100.1894 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(204, 49, 0) }
```

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

```
.border{ border-color:rgb(204, 49, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 49, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 49, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 49, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 49, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 89.7590, -44.2512, 100.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 49, 0) }
```

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

```
.background{ background-color: rgb(204, 49,  
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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