

Converting Colors

YUV(155.5140, -76.6684,
44.2762)

Have a look what the booklet for
YUV(155.5140, -76.6684, 44.2762)
contains.

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Color

**YUV(155.5140, -76.6684,
44.2762)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA000
RGB	206, 160, 0
RGB Percent	81%, 63%, 0%
CMY	0.1922, 0.3725, 1.0000
CMYK	0.00, 0.22, 1.00, 0.19
HSL	47°, 100%, 40%
HSV	47°, 100%, 81%
XYZ	38.0244, 38.2634, 5.3815
YIQ	155.5140, 78.7760, -40.0080

Conversions

Conversions Part 2

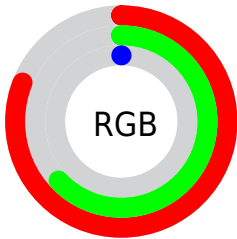
Format	Color
RYB	59, 206, 0
Decimal	13541376
CIELab	68.21, 5.43, 71.80
CIELCh	68, 72.005, 85.676
Yxy	38.2634, 0.4656, 0.4685
Android (android.graphics.Color)	4291731456 (0xFFCEA000)
YUV	155.5140, -76.6684, 44.2762
Hunter-Lab	61.8574, 1.4753, 38.1421

Details

The YUV color **155.5140, -76.6684, 44.2762** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **50.4860, 76.6684, -44.2762**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5270, -66.3218, 39.0028**, and **107.6370, -53.0650, 33.6444** is the 20% darker color. If you saturate the color by 10%, you get **155.5140, -76.6684, 44.2762**, and if you desaturate by 10%, it is **160.8430, -68.9426, 39.6027**.

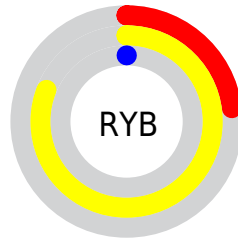
Distribution



Red (81%)

Green (63%)

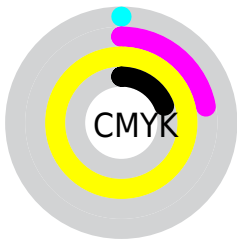
Blue (0%)



Red (23%)

Yellow (81%)

Blue (0%)

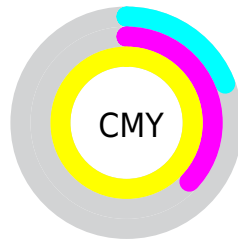


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5140, -76.6684, 44.2762 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 155.5140, -76.6684, 44.2762 by changing the saturation by 10% instead.

■ 155.5140,
-76.6684, 44.2762

■ 155.5140,
-76.6684, 44.2762

■ 255.0000, 0.0000,
0.0000

■ 131.2820,
-64.7220, 39.2177

■ 210.5270,
-66.3218, 39.0028

■ 107.6370,
-53.0650, 33.6444

■ 230.7420,
-62.4838, 21.2743

■ 85.1770, -41.9923,
28.7858

■ 240.9780,
-53.7262, 12.2973

■ 63.0050, -31.0615,
22.7976

■ 244.1700,
-41.4958, 9.4979

■ 42.6050, -21.0043,
17.0094

■ 247.4760,
-28.8287, 6.5985

■ 23.3900, -11.5313,
11.9360

■ 250.7820,

■ 0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

155.5140,
-76.6684, 44.2762

160.8430,
-68.9426, 39.6027

165.4710,
-61.3642, 35.5439

170.8000,
-53.6384, 30.8704

175.4280,
-46.0600, 26.8116

180.7570,
-38.3342, 22.1381

■ 186.0860,
-30.6084, 17.4646

■ 190.7140,
-23.0300, 13.4058

■ 196.0430,
-15.3042, 8.7323

■ 200.6710, -7.7258,
4.6735

Harmonies

Analogous

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



161.1020, -51.3223, 81.4715



155.5140, -76.6684, 44.2762



151.0220, -60.6498, -7.0353

Triad

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



155.5140, -76.6684, 44.2762



140.2460, 39.8117, -122.9957



169.9400, 35.0326, 57.0576

Complementary

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



155.5140, -76.6684, 44.2762



50.4860, 76.6684, -44.2762

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.



162.8340, 45.4378, -13.8864



155.5140, -76.6684, 44.2762



141.1870, 56.1098, -123.8210

Square

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



155.5140, -76.6684, 44.2762



132.6080, 10.5463, -116.2972



132.9690, 60.1613, -116.6138



155.9380, 11.3696, 86.8774

Rectangle

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



155.5140, -76.6684, 44.2762



144.4200, -37.6751, -49.4803



132.9690, 60.1613, -116.6138



170.5290, 41.6442, 36.3701

Sweetspot

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



155.5140, -76.6684, 44.2762



236.3570, -28.2770, 16.3499



67.0660, -9.3995, 121.8451



116.2990, -16.9094, 10.2618



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.



155.5140, -76.6684, 44.2762



192.4710, -94.8882, 54.8379



166.0710, -81.8730, -13.2173



99.6860, -3.7892, 2.0294



125.3570, -61.8010, 35.6439



28.9720, -14.2832, 7.9176

Inverse Universe

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



50.4860, 76.6684, -44.2762



62.5290, 94.8882, -54.8379



39.9290, 81.8730, 13.2173



94.3140, 3.7892, -2.0294



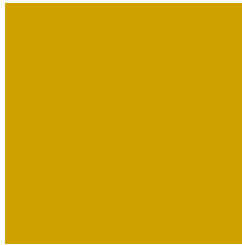
40.6430, 61.8010, -35.6439



9.6150, 13.9938, -8.4324

Previews

White Background



This preview shows how the YUV color 155.5140, -76.6684, 44.2762 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 155.5140, -76.6684, 44.2762 looks on a black 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 ✓ Pass

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

YUV 155.5140, -76.6684, 44.2762 Background



This preview shows how black text looks on a background with the YUV color 155.5140, -76.6684, 44.2762.

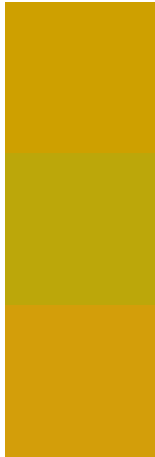


This preview shows how white text looks on a background with the YUV color 155.5140, -76.6684,

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

155.5140, -76.6684, 44.2762

Protanopia

155.3810, -71.6728, 28.6069

Deuteranopia

156.9750, -72.4587, 47.3799



Tritanopia

169.6890, -4.7767, 38.8607

Trichromacy



Original Color

155.5140, -76.6684, 44.2762

Protanomaly

155.2570, -73.5837, 34.8546

Deuteranomaly

156.5080, -74.2004, 46.0355

Tritanomaly

164.5280, -30.8263, 40.7559

Monochromacy



Original Color

155.5140, -76.6684, 44.2762

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.4710, -27.8402, 16.2499

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5140, -76.6684, 44.2762 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(206, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 160, 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(206, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 160, 0) }
```

Border

The CSS property to change the border of an element to YUV 155.5140, -76.6684, 44.2762 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(206, 160, 0) }
```


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

```
.border{ border-color:rgb(206, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 160,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 155.5140, -76.6684, 44.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 160, 0) }
```

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

```
.background{ background-color: rgb(206,  
160, 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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