

Converting Colors

YUV(137.6600, -67.8664,
67.8272)

Have a look what the booklet for
YUV(137.6600, -67.8664, 67.8272)
contains.

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Color

**YUV(137.6600, -67.8664,
67.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	D77D00
RGB	215, 125, 0
RGB Percent	84%, 49%, 0%
CMY	0.1569, 0.5098, 1.0000
CMYK	0.00, 0.42, 1.00, 0.16
HSL	35°, 100%, 42%
HSV	35°, 100%, 84%
XYZ	35.3579, 29.1143, 3.7561
YIQ	137.6600, 93.7650, -19.7950

Conversions

Conversions Part 2

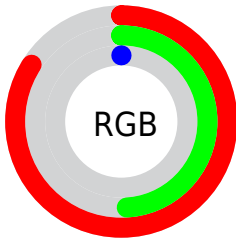
Format	Color
R _Y B	155, 215, 0
Decimal	14122240
CIE Lab	60.88, 28.21, 67.45
CIE LCh	61, 73.112, 67.303
Yxy	29.1143, 0.5182, 0.4267
Android (android.graphics.Color)	4292312320 (0xFFD77D00)
YUV	137.6600, -67.8664, 67.8272
Hunter-Lab	53.9577, 22.5434, 33.6431

Details

The YUV color **137.6600, -67.8664, 67.8272** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **77.3400, 67.8664, -67.8272**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7110, -58.5245, 58.1355**, and **90.0710, -44.4050, 56.0657** is the 20% darker color. If you saturate the color by 10%, you get **137.6600, -67.8664, 67.8272**, and if you desaturate by 10%, it is **145.3370, -61.2981, 61.0945**.

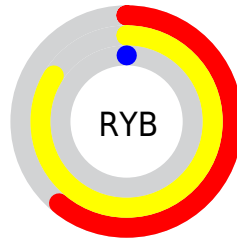
Distribution



Red (84%)

Green (49%)

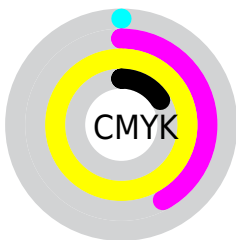
Blue (0%)



Red (61%)

Yellow (84%)

Blue (0%)

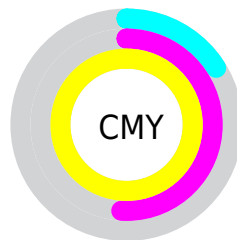


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6600, -67.8664, 67.8272 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 137.6600, -67.8664, 67.8272 by changing the saturation by 10% instead.

137.6600,
-67.8664, 67.8272

137.6600,
-67.8664, 67.8272

255.0000, 0.0000,
0.0000

113.7160,
-56.0620, 61.6391

188.7110,
-58.5245, 58.1355

90.0710, -44.4050,
56.0657

208.2250,
-54.8339, 41.0217

67.3010, -33.1794,
48.8480

227.7390,
-51.1433, 23.9079

45.1290, -22.2486,
42.8599

243.2580,
-44.9902, 10.2977

22.0820, -10.8864,
38.5161

246.4500,
-32.7599, 7.4983


12.9710, -5.9017,
26.3354


249.6420,


0.0000, 0.0000,


-20.5295, 4.6990


0.0000

 252.9480, -7.8624,
1.7996


 137.6600,
-67.8664, 67.8272

 145.3370,
-61.2981, 61.0945

 153.1280,
-54.2931, 54.2617

 160.9190,
-47.2881, 47.4290

 168.5960,
-40.7198, 40.6963

 176.3870,
-33.7148, 33.8636

■ 184.0640,
-27.1466, 27.1309

■ 191.8550,
-20.1415, 20.2982

■ 199.5320,
-13.5733, 13.5654

■ 207.3230, -6.5682,
6.7327

Harmonies

Analogous

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



139.0220, -33.0418, 98.2047



137.6600, -67.8664, 67.8272



135.9010, -66.9992, 22.8888

Triad

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



137.6600, -67.8664, 67.8272



121.6660, 19.3917, -106.7011



150.1610, 49.7136, 14.7678

Complementary

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



137.6600, -67.8664, 67.8272



77.3400, 67.8664, -67.8272

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.



117.1200, 67.9748, -102.7142



137.6600, -67.8664, 67.8272



128.2610, 47.1993, -112.4849

Square

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



137.6600, -67.8664, 67.8272



112.2670, -9.0056, -98.4582



127.0990, 63.0552, -111.4658



145.6670, 25.8002, 78.3450

Rectangle

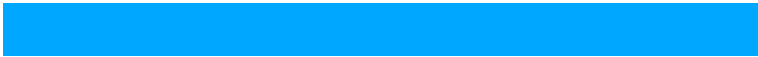
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



137.6600, -67.8664, 67.8272



129.2020, -63.6966, -9.8242



127.0990, 63.0552, -111.4658



145.7230, 53.8736, -12.9121

Sweetspot

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



137.6600, -67.8664, 67.8272



227.5520, -23.9361, 24.0719



74.8870, 8.9297, 122.8791



111.0160, -14.3049, 14.8950



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.



137.6600, -67.8664, 67.8272



163.1210, -80.4187, 80.5779



186.3040, -91.8479, 12.8884



103.3980, -3.6472, 3.1590



109.2420, -53.8563, 54.1618



27.5320, -13.5733, 13.5654

Inverse Universe

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



77.3400, 67.8664, -67.8272



91.8790, 80.4187, -80.5779



28.6960, 91.8479, -12.8884



100.1890, 3.3578, -3.6738



61.7580, 53.8563, -54.1618



15.4680, 13.5733, -13.5654

Previews

White Background



This preview shows how the YUV color 137.6600, -67.8664, 67.8272 looks on a white 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

Black Background



This preview shows how the YUV color 137.6600, -67.8664, 67.8272 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 × Fail

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

YUV 137.6600, -67.8664, 67.8272

Background



This preview shows how black text looks on a background with the YUV color 137.6600, -67.8664, 67.8272.



This preview shows how white text looks on a background with the YUV color 137.6600, -67.8664, 67.8272.

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

138.4480, -59.8739, 24.1631

Deuteranopia

137.7940, -67.9324, 42.2767

Tritanopia

147.8230, -11.2517, 62.4222

Trichromacy



Protanomaly

138.4500, -62.8328, 39.9474

Deuteranomaly

138.1480, -68.1070, 51.6132

Tritanomaly

144.1550, -31.6284, 64.7621

Monochromacy



Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7370, -24.5203, 24.7867

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6600, -67.8664, 67.8272 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(215, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(215, 125, 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(215, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 125, 0) }
```

Border

The CSS property to change the border of an element to YUV 137.6600, -67.8664, 67.8272 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(215, 125, 0) }
```

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

```
.border{ border-color:rgb(215, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(215, 125,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 137.6600, -67.8664, 67.8272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 125, 0) }
```

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

```
.background{ background-color: rgb(215,  
125, 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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