

Converting Colors

YUV(127.6590, -62.9359,
73.0901)

Have a look what the booklet for
YUV(127.6590, -62.9359, 73.0901)
contains.

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Color

**YUV(127.6590, -62.9359,
73.0901)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D36E00 |
| RGB | 211, 110, 0 |
| RGB Percent | 83%, 43%, 0% |
| CMY | 0.1725, 0.5686, 1.0000 |
| CMYK | 0.00, 0.48, 1.00, 0.17 |
| HSL | 31°, 100%, 41% |
| HSV | 31°, 100%, 83% |
| XYZ | 32.4399, 25.0007, 3.1159 |
| YIQ | 127.6590, 95.5060, -12.7980 |

Conversions

Conversions Part 2

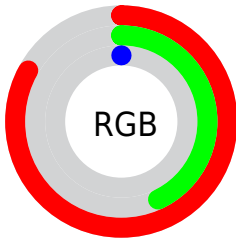
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 211, 0 |
| Decimal | 13856256 |
| CIELab | 57.08, 34.44, 64.82 |
| CIElCh | 57, 73.400, 62.018 |
| Yxy | 25.0007, 0.5357, 0.4128 |
| Android (android.graphics.Color) | 4292046336 (0xFFD36E00) |
| YUV | 127.6590, -62.9359, 73.0901 |
| Hunter-Lab | 50.0007, 28.3074, 31.3058 |

Details

The YUV color **127.6590, -62.9359, 73.0901** 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 **83.3410, 62.9359, -73.0901**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5640, -55.4941, 66.1574**, and **79.7710, -39.3271, 60.7138** is the 20% darker color. If you saturate the color by 10%, you get **127.6590, -62.9359, 73.0901**, and if you desaturate by 10%, it is **135.9230, -56.6570, 65.8425**.

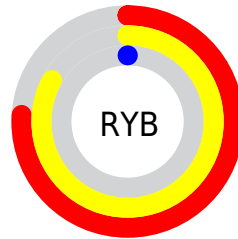
Distribution



Red (83%)

Green (43%)

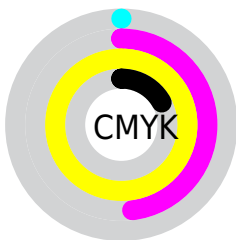
Blue (0%)



Red (76%)

Yellow (83%)

Blue (0%)

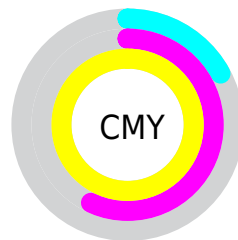


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.6590, -62.9359, 73.0901 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 127.6590, -62.9359, 73.0901 by changing the saturation by 10% instead.


 127.6590,
-62.9359, 73.0901

 127.6590,
-62.9359, 73.0901


255.0000, 0.0000,
0.0000


 103.7150,
-51.1315, 66.9019


 179.5640,
-55.4941, 66.1574


 79.7710, -39.3271,
60.7138


 198.3770,
-51.9509, 49.6584

 56.7130, -27.9595,
54.6257


 217.8910,
-48.2603, 32.5446

 31.8940, -15.7237,
50.0820

 237.9920,
-44.8591, 14.9160

 18.2390, -8.9918,
37.5014

 245.8800,
-34.9438, 7.9982


 10.8780, -4.8699,
22.0320


 249.0720,


 0.0000, 0.0000,

-22.7135, 5.1989


0.0000


 252.3780,
-10.0464, 2.2995


 127.6590,
-62.9359, 73.0901

 135.9230,
-56.6570, 65.8425

 144.1870,
-50.3782, 58.5950

 152.4510,
-44.0993, 51.3475

 160.7150,
-37.8205, 44.0999

 169.6800,
-31.3942, 36.2376

■ 177.9440,
-25.1154, 28.9901

■ 186.2080,
-18.8365, 21.7426

■ 194.4720,
-12.5577, 14.4951

■ 202.7360, -6.2788,
7.2475

Harmonies

Analogous

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



127.3520, -26.7955, 101.4233



127.6590, -62.9359, 73.0901



127.9710, -63.0897, 28.9664

Triad

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



127.6590, -62.9359, 73.0901



112.8150, 13.4022, -98.9388



138.6860, 53.3988, -0.6016

Complementary

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



127.6590, -62.9359, 73.0901



83.3410, 62.9359, -73.0901

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.



113.5980, 69.7112, -99.6254



127.6590, -62.9359, 73.0901



120.1110, 41.3573, -105.3373

Square

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



127.6590, -62.9359, 73.0901



102.8290, -14.7057, -90.1810



121.8330, 63.1863, -106.8475



136.4640, 30.3372, 69.7531

Rectangle

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



127.6590, -62.9359, 73.0901



122.7560, -60.5187, -2.4170



121.8330, 63.1863, -106.8475



132.0130, 60.6326, -34.2144

Sweetspot

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



127.6590, -62.9359, 73.0901



224.6170, -22.4892, 26.6459



74.7170, 13.4505, 119.5202



109.8420, -13.7261, 15.9246



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.



127.6590, -62.9359, 73.0901



154.3160, -76.0778, 88.2999



185.7500, -91.5747, 18.6363



100.8110, -3.3578, 3.6738



101.8880, -50.2308, 57.9802



24.5860, -12.1209, 14.3951

Inverse Universe

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



83.3410, 62.9359, -73.0901



100.6840, 76.0778, -88.2999



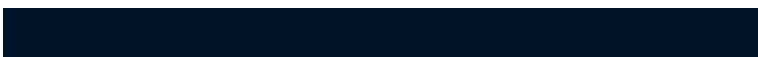
25.2500, 91.5747, -18.6363



98.1890, 3.3578, -3.6738



66.6990, 49.9414, -58.4950



16.4140, 12.1209, -14.3951

Previews

White Background



This preview shows how the YUV color 127.6590, -62.9359, 73.0901 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 127.6590, -62.9359, 73.0901 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 127.6590, -62.9359, 73.0901

Background



This preview shows how black text looks on a background with the YUV color 127.6590, -62.9359, 73.0901.



This preview shows how white text looks on a background with the YUV color 127.6590, -62.9359, 73.0901.

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

129.4030, -54.9217, 22.4486

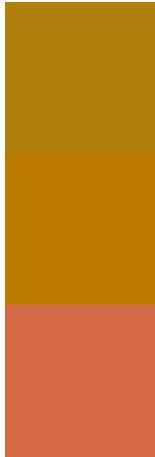
Deuteranopia

128.9230, -63.5590, 39.5325

Tritanopia

136.2860, -13.4520, 68.1552

Trichromacy



Protanomaly

128.7150, -58.0335, 40.5919

Deuteranomaly

128.1140, -63.1602, 51.6430

Tritanomaly

133.1880, -31.6447, 69.9951

Monochromacy



Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.5030, -22.9260, 26.7459

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6590, -62.9359, 73.0901 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(211, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 110, 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(211, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 110, 0) }
```

Border

The CSS property to change the border of an element to YUV 127.6590, -62.9359, 73.0901 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(211, 110, 0) }
```

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

```
.border{ border-color:rgb(211, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 110,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 127.6590, -62.9359, 73.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 110, 0) }
```

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

```
.background{ background-color: rgb(211,  
110, 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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