

Converting Colors

YUV(67.2200, -33.1395,
129.6031)

Have a look what the booklet for
YUV(67.2200, -33.1395, 129.6031)
contains.

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Color

**YUV(67.2200, -33.1395,
129.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	D70500
RGB	215, 5, 0
RGB Percent	84%, 2%, 0%
CMY	0.1569, 0.9804, 1.0000
CMYK	0.00, 0.98, 1.00, 0.16
HSL	1°, 100%, 42%
HSV	1°, 100%, 84%
XYZ	28.0786, 14.5556, 1.3296
YIQ	67.2200, 126.7650, 42.9650

Conversions

Conversions Part 2

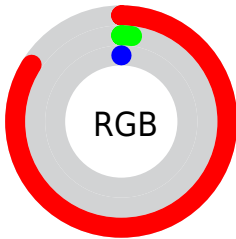
Format	Color
RYB	215, 5, 0
Decimal	14091520
CIELab	45.02, 69.99, 59.15
CIELCh	45, 91.636, 40.202
Yxy	14.5556, 0.6387, 0.3311
Android (android.graphics.Color)	4292281600 (0xFFD70500)
YUV	67.2200, -33.1395, 129.6031
Hunter-Lab	38.1518, 64.6050, 24.6400

Details

The YUV color **67.2200, -33.1395, 129.6031** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **147.7800, 33.1395, -129.6031**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6440, -39.7575, 105.5522**, and **44.5510, -21.9636, 91.6018** is the 20% darker color. If you saturate the color by 10%, you get **67.2200, -33.1395, 129.6031**, and if you desaturate by 10%, it is **81.9410, -30.0439, 116.6927**.

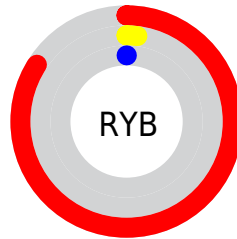
Distribution



Red (84%)

Green (2%)

Blue (0%)



Red (84%)

Yellow (2%)

Blue (0%)

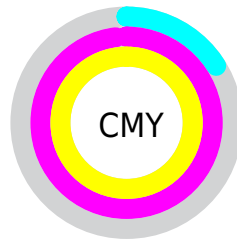


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 67.2200, -33.1395, 129.6031 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 67.2200, -33.1395, 129.6031 by changing the saturation by 10% instead.


 67.2200, -33.1395,
129.6031


 67.2200, -33.1395,
129.6031


 253.4040, -6.1152,
1.3997

 54.4180, -26.8281,
111.8894


 134.6440,
-39.7575, 105.5522


 44.5510, -21.9636,
91.6018


 155.1040,
-37.5193, 87.6088


 34.9830, -17.2466,
71.9289


 174.9770,
-34.9917, 70.1802

 25.9420, -11.8034,
52.6709

 194.9640,
-32.0273, 52.6516

 16.9720, -7.3812,
34.2276

 215.6520,
-28.9154, 34.5082

 4.1860, -2.0637,
8.6069


 236.3400,


 0.0000, 0.0000,


-25.8036, 16.3648


0.0000


 250.0980,
-18.7823, 4.2991


 67.2200, -33.1395,
129.6031

 81.9410, -30.0439,
116.6927

 96.7760, -26.5116,
103.6824

 111.6110,
-22.9792, 90.6722

 126.3320,
-19.8837, 77.7618

 141.1670,
-16.3513, 64.7515

■ 155.8880,
-13.2558, 51.8412

■ 170.7230, -9.7234,
38.8309

■ 185.4440, -6.6279,
25.9206

■ 200.2790, -3.0955,
12.9103

Harmonies

Analogous

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



79.3570, 2.7820, 134.7449



67.2200, -33.1395, 129.6031



99.5510, -49.0786, 61.7838

Triad

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



67.2200, -33.1395, 129.6031



83.7710, -16.6491, -73.4672



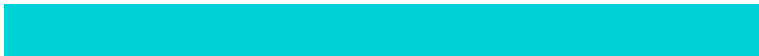
93.6400, 79.5505, -82.1223

Complementary

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



67.2200, -33.1395, 129.6031



147.7800, 33.1395, -129.6031

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.



104.5650, 73.1785, -91.7035



67.2200, -33.1395, 129.6031



94.8800, 18.3002, -83.2098

Square

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



67.2200, -33.1395, 129.6031



74.5490, -36.7527, -65.3795



103.2020, 50.1864, -90.5082



105.4470, 59.4326, 24.1640

Rectangle

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



67.2200, -33.1395, 129.6031



99.9180, -49.2596, 26.3819



103.2020, 50.1864, -90.5082



98.3360, 77.2354, -86.2407

Sweetspot

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



67.2200, -33.1395, 129.6031



202.3110, -11.4923, 46.2083



88.3390, 60.4719, 111.0817



96.3410, -7.0701, 27.7649



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.



67.2200, -33.1395, 129.6031



79.7670, -39.3251, 153.6793



129.4420, -63.8149, 75.0344



99.8760, -1.9109, 6.2477



53.4770, -26.3642, 103.0677



13.4440, -6.6279, 25.9206

Inverse Universe

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



147.7800, 33.1395, -129.6031



175.2330, 39.3251, -153.6793



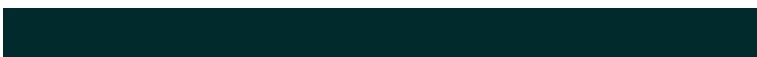
85.5580, 63.8149, -75.0344



103.7110, 1.6215, -6.7625



117.5230, 26.3642, -103.0677



29.5560, 6.6279, -25.9206

Previews

White Background



This preview shows how the YUV color 67.2200, -33.1395, 129.6031 looks on a white background.

Color Contrast Check

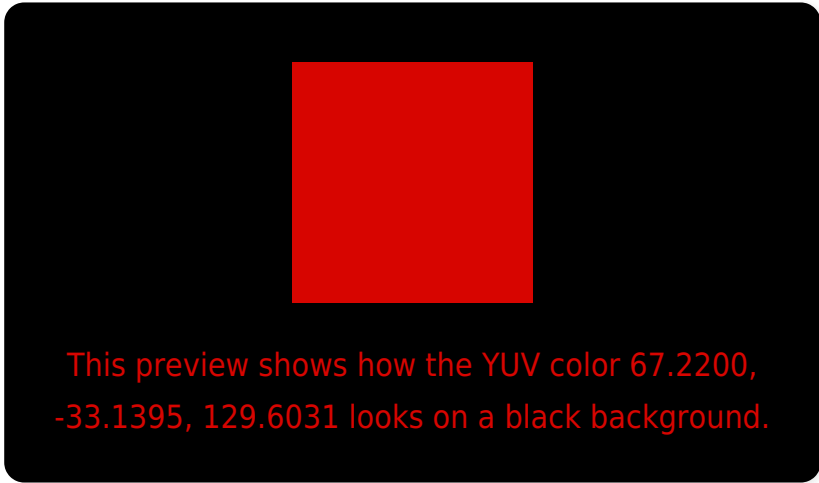
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 67.2200, -33.1395, 129.6031 Background



This preview shows how black text looks on a background with the YUV color 67.2200, -33.1395, 129.6031.



This preview shows how white text looks on a background with the YUV color 67.2200, -33.1395,

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

103.6530, -37.2969, 16.0903

Deuteranopia

101.4240, -50.0020, 31.2002

Tritanopia

75.4270, -37.1855, 120.6515

Trichromacy



Protanomaly

90.3730, -35.6799, 57.5549

Deuteranomaly

88.6640, -43.7114, 66.9467

Tritanomaly

72.7910, -35.8860, 123.8403

Monochromacy



Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9090, -11.7871, 47.4378

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2200, -33.1395, 129.6031 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, 5, 0)` looks like.

```
.text, #text, p{  
    color:rgb(215, 5, 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, 5, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 5, 0) }
```

Border

The CSS property to change the border of an element to YUV 67.2200, -33.1395, 129.6031 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, 5, 0) }
```

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

```
.border{ border-color:rgb(215, 5, 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, 5, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 5, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(215, 5, 0); box-shadow:4px  
4px 4px 4px rgb(215, 5, 0) }
```


Background

The CSS property to change the background color of an element to YUV 67.2200, -33.1395, 129.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 5, 0) }
```

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

```
.background{ background-color: rgb(215, 5,  
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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