

Converting Colors

YUV(67.2750, -33.1666,
138.3248)

Have a look what the booklet for
YUV(67.2750, -33.1666, 138.3248)
contains.

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Color

**YUV(67.2750, -33.1666,
138.3248)**

Conversions

Conversions Part 1

Format	Color
Hex	E10000
RGB	225, 0, 0
RGB Percent	88%, 0%, 0%
CMY	0.1176, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.12
HSL	0°, 100%, 44%
HSV	0°, 100%, 88%
XYZ	31.0513, 16.0076, 1.4532
YIQ	67.2750, 134.1000, 47.7000

Conversions

Conversions Part 2

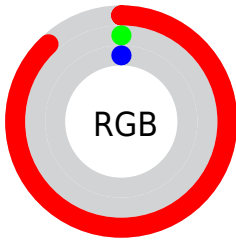
Format	Color
R _Y B	225, 0, 0
Decimal	14745600
CIE Lab	46.98, 72.88, 61.15
CIE LCh	47, 95.137, 40.000
Yxy	16.0076, 0.6401, 0.3300
Android (android.graphics.Color)	4292935680 (0xFFE10000)
YUV	67.2750, -33.1666, 138.3248
Hunter-Lab	40.0094, 68.5174, 25.8531

Details

The YUV color **67.2750, -33.1666, 138.3248** 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 **157.7250, 33.1666, -138.3248**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3450, -39.6101, 104.9374**, and **47.5410, -23.4377, 97.7495** is the 20% darker color. If you saturate the color by 10%, you get **67.2750, -33.1666, 138.3248**, and if you desaturate by 10%, it is **82.6970, -29.9236, 124.7997**.

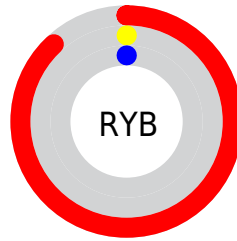
Distribution



Red (88%)

Green (0%)

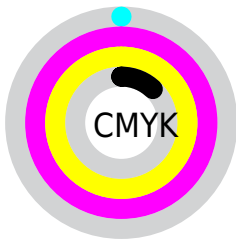
Blue (0%)



Red (88%)

Yellow (0%)

Blue (0%)

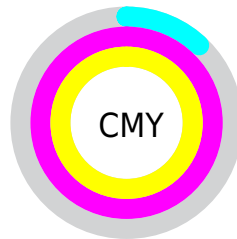


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 67.2750, -33.1666, 138.3248 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 67.2750, -33.1666, 138.3248 by changing the saturation by 10% instead.


 67.2750, -33.1666,
138.3248

 67.2750, -33.1666,
138.3248


 253.6320, -5.2416,
1.1997


 57.4080, -28.3021,
118.0372


 135.3450,
-39.6101, 104.9374


 47.5410, -23.4377,
97.7495


 155.8050,
-37.3719, 86.9940


 37.6740, -18.5733,
77.4619


 176.2650,
-35.1336, 69.0506

 28.6330, -13.1301,
58.2039

 196.9530,
-32.0218, 50.9072

 19.7770, -8.2711,
39.6606

 216.9400,
-29.0574, 33.3786

 9.0840, -3.9854,
18.3433


 237.7420,


 0.0000, 0.0000,


-25.5088, 15.1353


0.0000


 250.3260,
-17.9087, 4.0991

 67.2750, -33.1666,
138.3248

 82.6970, -29.9236,
124.7997

 98.8200, -26.5333,
110.6599

 114.9430,
-23.1429, 96.5200

 130.3650,
-19.8999, 82.9949

 146.4880,
-16.5096, 68.8550

■ 161.9100,
-13.2666, 55.3299

■ 177.3320,
-10.0237, 41.8048

■ 193.4550, -6.6333,
27.6650

■ 209.5780, -3.2430,
13.5251

Harmonies

Analogous

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



83.1020, 2.9077, 141.1075



67.2750, -33.1666, 138.3248



103.7040, -51.1261, 65.1576

Triad

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



67.2750, -33.1666, 138.3248



87.4070, -17.9487, -76.6559



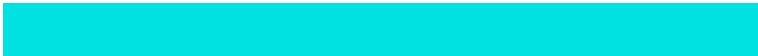
96.5750, 78.1035, -84.6963

Complementary

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



67.2750, -33.1666, 138.3248



157.7250, 33.1666, -138.3248

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.



108.3150, 72.3157, -94.9923



67.2750, -33.1666, 138.3248



98.9720, 18.7478, -86.7984

Square

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



67.2750, -33.1666, 138.3248



77.4840, -38.1996, -67.9535



107.7500, 52.3813, -94.4968



109.8430, 62.1954, 24.6937

Rectangle

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



67.2750, -33.1666, 138.3248



104.6470, -51.5910, 27.4966



107.7500, 52.3813, -94.4968



101.8580, 75.4990, -89.3295

Sweetspot

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



67.2750, -33.1666, 138.3248



201.7240, -11.2029, 46.7231



92.9250, 65.1130, 115.8298



95.7540, -6.7807, 28.2797



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.



67.2750, -33.1666, 138.3248



76.2450, -37.5888, 156.7681



133.6060, -65.8678, 80.1525



104.2890, -1.6215, 6.7625



52.6240, -25.9436, 108.2008



14.3520, -7.0755, 29.5093

Inverse Universe

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



157.7250, 33.1666, -138.3248



178.7550, 37.5888, -156.7681



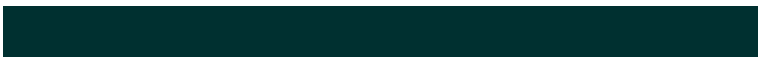
91.9810, 65.5784, -80.6673



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Previews

White Background



This preview shows how the YUV color 67.2750, -33.1666, 138.3248 looks on a white background.

Color Contrast Check

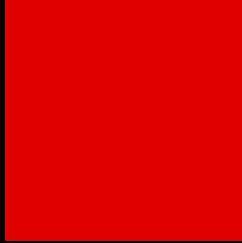
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.2750, -33.1666, 138.3248 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 67.2750, -33.1666, 138.3248

Background



This preview shows how black text looks on a background with the YUV color 67.2750, -33.1666, 138.3248.



This preview shows how white text looks on a background with the YUV color 67.2750, -33.1666,

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

108.1970, -39.0441, 16.4902

Deuteranopia

106.1530, -52.3334, 32.3148

Tritanopia

79.0040, -38.9490, 126.2845

Trichromacy



Protanomaly

93.6400, -37.2905, 60.8287

Deuteranomaly

92.2300, -45.4694, 70.8353

Tritanomaly

74.6070, -36.7813, 131.0177

Monochromacy



Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2190, -11.9400, 49.7969

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2750, -33.1666, 138.3248 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(225, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 0, 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(225, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 67.2750, -33.1666, 138.3248 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(225, 0, 0) }
```

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

```
.border{ border-color:rgb(225, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(225, 0, 0); box-shadow:4px  
4px 4px 4px rgb(225, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 67.2750, -33.1666, 138.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 0, 0) }
```

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

```
.background{ background-color: rgb(225, 0,  
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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