

Converting Colors

YUV(68.7700, -33.9036,
141.3987)

Have a look what the booklet for
YUV(68.7700, -33.9036, 141.3987)
contains.

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Color

**YUV(68.7700, -33.9036,
141.3987)**

Conversions

Conversions Part 1

Format	Color
Hex	E60000
RGB	230, 0, 0
RGB Percent	90%, 0%, 0%
CMY	0.0980, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.10
HSL	0°, 100%, 45%
HSV	0°, 100%, 90%
XYZ	32.6331, 16.8230, 1.5272
YIQ	68.7700, 137.0800, 48.7600

Conversions

Conversions Part 2

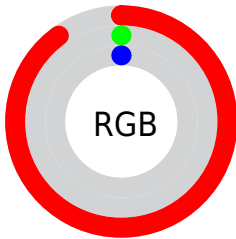
Format	Color
RYB	230, 0, 0
Decimal	15073280
CIELab	48.04, 74.10, 62.17
CIElCh	48, 96.726, 40.000
Yxy	16.8230, 0.6401, 0.3300
Android (android.graphics.Color)	4293263360 (0xFFE60000)
YUV	68.7700, -33.9036, 141.3987
Hunter-Lab	41.0158, 70.2409, 26.5035

Details

The YUV color **68.7700, -33.9036, 141.3987** is a dark color, and the websafe version is hex **FF0000**, and the color name is **electric red**. The color can be described as dark washed red. A complement of this color would be **161.2300, 33.9036, -141.3987**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0460, -39.4627, 104.3227**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **68.7700, -33.9036, 141.3987**, and if you desaturate by 10%, it is **84.8930, -30.5132, 127.2588**.

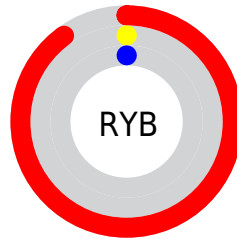
Distribution



Red (90%)

Green (0%)

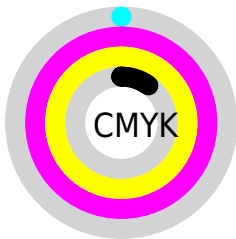
Blue (0%)



Red (90%)

Yellow (0%)

Blue (0%)

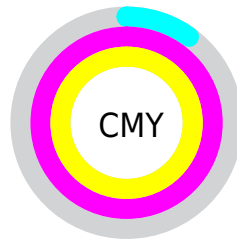


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 68.7700, -33.9036, 141.3987 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 68.7700, -33.9036, 141.3987 by changing the saturation by 10% instead.


 68.7700, -33.9036,
141.3987


 68.7700, -33.9036,
141.3987


 253.7460, -4.8048,
1.0998

 58.9030, -29.0392,
121.1111


 136.0460,
-39.4627, 104.3227


 49.0360, -24.1747,
100.8234


 157.0930,
-37.5138, 85.8644


 39.1690, -19.3103,
80.5358


 176.9660,
-34.9862, 68.4358

 29.8290, -13.7197,
60.6630

 197.5400,
-32.3112, 50.3924

 20.9730, -8.8607,
42.1197

 218.2280,
-29.1994, 32.2490


 10.8780, -4.8699,
22.0320


 239.0300,


 0.0000, 0.0000,


-25.6508, 14.0057


0.0000


 250.4400,
-17.4719, 3.9991

 68.7700, -33.9036,
141.3987

 84.8930, -30.5132,
127.2588

 101.0160,
-27.1229, 113.1190

 117.1390,
-23.7325, 98.9791

 133.2620,
-20.3422, 84.8392

 149.3850,
-16.9518, 70.6994

■ 165.5080,
-13.5614, 56.5595

■ 181.6310,
-10.1711, 42.4196

■ 197.7540, -6.7807,
28.2797

■ 213.8770, -3.3904,
14.1399

Harmonies

Analogous

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



84.8250, 3.0443, 143.9815



68.7700, -33.9036, 141.3987



106.0740, -52.2945, 66.5871

Triad

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



68.7700, -33.9036, 141.3987



89.2820, -18.3800, -78.3003



98.3360, 77.2354, -86.2407

Complementary

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



68.7700, -33.9036, 141.3987



161.2300, 33.9036, -141.3987

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.



110.0760, 71.4475, -96.5367



68.7700, -33.9036, 141.3987



101.0750, 19.1900, -88.6428

Square

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



68.7700, -33.9036, 141.3987



79.2450, -39.0678, -69.4979



110.0810, 53.6971, -96.5410



112.5980, 63.7952, 24.9086

Rectangle

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



68.7700, -33.9036, 141.3987



107.3050, -52.9014, 27.7965



110.0810, 53.6971, -96.5410



103.6190, 74.6308, -90.8739

Sweetspot

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



68.7700, -33.9036, 141.3987



201.7240, -11.2029, 46.7231



94.9900, 66.5599, 118.4038



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.



68.7700, -33.9036, 141.3987



76.2450, -37.5888, 156.7681



136.2750, -67.1836, 82.1968



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

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



161.2300, 33.9036, -141.3987



178.7550, 37.5888, -156.7681



93.7250, 67.1836, -82.1968



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 68.7700, -33.9036, 141.3987 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 68.7700, -33.9036, 141.3987

Background



This preview shows how black text looks on a background with the YUV color 68.7700, -33.9036, 141.3987.



This preview shows how white text looks on a background with the YUV color 68.7700, -33.9036,

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

68.7700, -33.9036, 141.3987

Protanopia

110.3820, -39.6283, 17.2050

Deuteranopia

108.2240, -53.3544, 33.1296

Trichromacy



Original Color

68.7700, -33.9036, 141.3987

Protanomaly

95.2380, -37.5853, 62.0583

Deuteranomaly

94.0130, -46.3484, 72.7796

Monochromacy



Original Color

68.7700, -33.9036, 141.3987

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1160, -12.3822, 51.6413

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7700, -33.9036, 141.3987 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(230, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 68.7700, -33.9036, 141.3987 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(230, 0, 0) }
```

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

```
.border{ border-color:rgb(230, 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(230, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(230, 0, 0); box-shadow:4px  
4px 4px 4px rgb(230, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 68.7700, -33.9036, 141.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 0) }
```

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

```
.background{ background-color: rgb(230, 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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