

Converting Colors

YUV(69.5680, -30.8460,
140.6989)

Have a look what the booklet for
YUV(69.5680, -30.8460, 140.6989)
contains.

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Color

**YUV(69.5680, -30.8460,
140.6989)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E60007 |
| RGB | 230, 0, 7 |
| RGB Percent | 90%, 0%, 3% |
| CMY | 0.0980, 1.0000, 0.9725 |
| CMYK | 0.00, 1.00, 0.97, 0.10 |
| HSL | 358°, 100%, 45% |
| HSV | 358°, 100%, 90% |
| XYZ | 32.6715, 16.8383, 1.7292 |
| YIQ | 69.5680, 134.8330, 50.9370 |

Conversions

Conversions Part 2

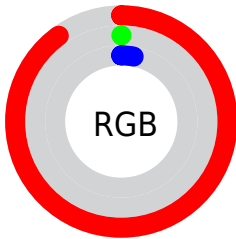
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 230, 0, 7 |
| Decimal | 15073287 |
| CIELab | 48.06, 74.15, 60.17 |
| CIELCh | 48, 95.491, 39.058 |
| Yxy | 16.8383, 0.6376, 0.3286 |
| Android (android.graphics.Color) | 4293263367 (0xFFE60007) |
| YUV | 69.5680, -30.8460, 140.6989 |
| Hunter-Lab | 41.0345, 70.3103, 26.2258 |

Details

The YUV color **69.5680, -30.8460, 140.6989** 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 **160.4320, 30.8460, -140.6989**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5020, -37.7155, 103.9227**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **69.5680, -30.8460, 140.6989**, and if you desaturate by 10%, it is **85.5770, -27.8925, 126.6590**.

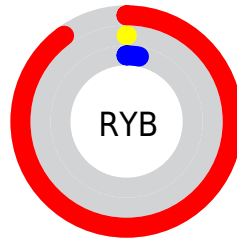
Distribution



Red (90%)

Green (0%)

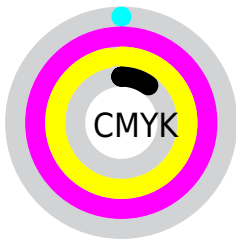
Blue (3%)



Red (90%)

Yellow (0%)

Blue (3%)

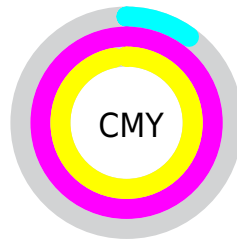


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (10%)



Cyan (10%)


Magenta (100%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 69.5680, -30.8460, 140.6989 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 69.5680, -30.8460, 140.6989 by changing the saturation by 10% instead.


 69.5680, -30.8460,
140.6989

 69.5680, -30.8460,
140.6989


 254.2020, -3.0576,
0.6998


 58.9030, -29.0392,
121.1111


 136.5020,
-37.7155, 103.9227


 49.0360, -24.1747,
100.8234


 157.5490,
-35.7667, 85.4645


 39.1690, -19.3103,
80.5358


 177.4220,
-33.2390, 68.0359

 29.8290, -13.7197,
60.6630

 198.1100,
-30.1272, 49.8925

 20.9730, -8.8607,
42.1197

 218.6840,
-27.4522, 31.8491

 10.8780, -4.8699,
22.0320


 239.4860,


 0.0000, 0.0000,


-23.9036, 13.6058

0.0000


 250.8960,
-15.7247, 3.5992

 69.5680, -30.8460,
140.6989

 85.5770, -27.8925,
126.6590

 101.7000,
-24.5021, 112.5191

 117.7090,
-21.5485, 98.4792

 133.7180,
-18.5950, 84.4393

 149.8410,
-15.2046, 70.2994

■ 165.8500,
-12.2511, 56.2595

■ 181.8590, -9.2975,
42.2197

■ 197.8680, -6.3439,
28.1798

■ 213.9910, -2.9536,
14.0399

Harmonies

Analogous

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



84.8680, 4.5021, 143.0668



69.5680, -30.8460, 140.6989



106.0850, -52.2999, 68.3315

Triad

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



69.5680, -30.8460, 140.6989



89.0540, -19.2536, -78.1004



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.



69.5680, -30.8460, 140.6989



160.4320, 30.8460, -140.6989

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.



110.6630, 71.1581, -97.0515



69.5680, -30.8460, 140.6989



100.8470, 18.3164, -88.4428

Square

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



69.5680, -30.8460, 140.6989



79.2450, -39.0678, -69.4979



109.7390, 52.3867, -96.2411



112.5760, 63.8060, 21.4198

Rectangle

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



69.5680, -30.8460, 140.6989



107.6150, -53.0542, 30.1556



109.7390, 52.3867, -96.2411



103.6190, 74.6308, -90.8739

Sweetspot

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



69.5680, -30.8460, 140.6989



201.9520, -10.3293, 46.5231



92.5980, 67.7392, 113.4856



95.8680, -6.3439, 28.1798



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.



69.5680, -30.8460, 140.6989



77.1570, -34.0944, 155.9683



131.5790, -64.8684, 86.3152



106.7020, -1.3321, 7.2773



54.0910, -24.2019, 109.5452



15.4770, -6.6442, 31.1537

Inverse Universe

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



69.5680, -30.8460, 140.6989



77.1570, -34.0944, 155.9683



98.4210, 64.8684, -86.3152



106.7020, -1.3321, 7.2773



54.0910, -24.2019, 109.5452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 69.5680, -30.8460, 140.6989 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 69.5680, -30.8460, 140.6989

Background



This preview shows how black text looks on a background with the YUV color 69.5680, -30.8460, 140.6989.



This preview shows how white text looks on a background with the YUV color 69.5680, -30.8460,

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

69.5680, -30.8460, 140.6989

Protanopia

110.4960, -39.1915, 17.1050

Deuteranopia

108.2240, -53.3544, 33.1296



Tritanopia

80.4990, -39.6860, 129.3584

Trichromacy



Original Color

69.5680, -30.8460, 140.6989

Protanomaly

95.5800, -36.2749, 61.7583

Deuteranomaly

94.3550, -45.0380, 72.4797

Tritanomaly

76.4440, -36.2079, 133.7916

Monochromacy



Original Color

69.5680, -30.8460, 140.6989

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0450, -11.3612, 50.8265

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5680, -30.8460, 140.6989 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, 7)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 7)  
}
```

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, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 7) }
```

Border

The CSS property to change the border of an element to YUV 69.5680, -30.8460, 140.6989 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, 7) }
```


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

```
.border{ border-color:rgb(230, 0, 7) }
```

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, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(230, 0, 7); box-shadow:4px  
4px 4px 4px rgb(230, 0, 7) }
```

Background

The CSS property to change the background color of an element to YUV 69.5680, -30.8460, 140.6989 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, 7) }
```

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

```
.background{ background-color: rgb(230, 0,  
7) }
```

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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