

Converting Colors

YUV(69.0410, -31.5722,
140.2840)

Have a look what the booklet for
YUV(69.0410, -31.5722, 140.2840)
contains.

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Color

**YUV(69.0410, -31.5722,
140.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	E50005
RGB	229, 0, 5
RGB Percent	90%, 0%, 2%
CMY	0.1020, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.98, 0.10
HSL	359°, 100%, 45%
HSV	359°, 100%, 90%
XYZ	32.3405, 16.6690, 1.6565
YIQ	69.0410, 134.8790, 50.1030

Conversions

Conversions Part 2

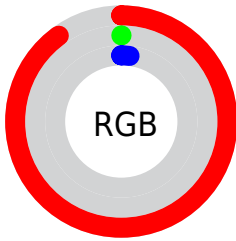
Format	Color
RYB	229, 0, 5
Decimal	15007749
CIELab	47.84, 73.89, 60.51
CIELCh	48, 95.508, 39.315
Yxy	16.6690, 0.6383, 0.3290
Android (android.graphics.Color)	4293197829 (0xFFE50005)
YUV	69.0410, -31.5722, 140.2840
Hunter-Lab	40.8277, 69.9454, 26.1738

Details

The YUV color **69.0410, -31.5722, 140.2840** 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 **159.9590, 31.5722, -140.2840**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3880, -38.1523, 104.0227**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **69.0410, -31.5722, 140.2840**, and if you desaturate by 10%, it is **85.0500, -28.6187, 126.2441**.

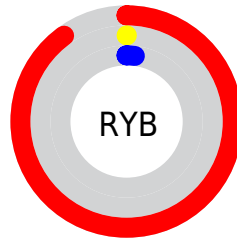
Distribution



Red (90%)

Green (0%)

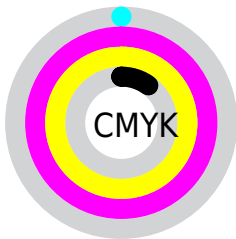
Blue (2%)



Red (90%)

Yellow (0%)

Blue (2%)

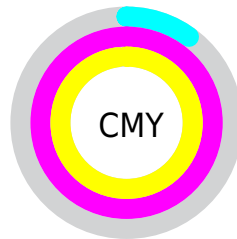


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (10%)



Cyan (10%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 69.0410, -31.5722, 140.2840 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 69.0410, -31.5722, 140.2840 by changing the saturation by 10% instead.


 69.0410, -31.5722,
140.2840

 69.0410, -31.5722,
140.2840


 254.0880, -3.4944,
0.7998

 58.6040, -28.8918,
120.4963


 136.3880,
-38.1523, 104.0227

 48.7370, -24.0273,
100.2087


 156.8480,
-35.9141, 86.0793


 38.8700, -19.1629,
79.9210


 177.3080,
-33.6758, 68.1359

 29.5300, -13.5723,
60.0482

 197.8820,
-31.0008, 50.0925

 20.9730, -8.8607,
42.1197

 218.5700,
-27.8890, 31.9491


 10.5790, -4.7224,
21.4172


 239.3720,


 0.0000, 0.0000,


-24.3404, 13.7058


0.0000


 250.7820,
-16.1615, 3.6992

 69.0410, -31.5722,
140.2840

 85.0500, -28.6187,
126.2441

 101.1730,
-25.2283, 112.1043

 117.1820,
-22.2747, 98.0644

 133.3050,
-18.8844, 83.9245

 149.3140,
-15.9308, 69.8846

■ 164.7360,
-12.6878, 56.3595

■ 180.8590, -9.2975,
42.2197

■ 196.8680, -6.3439,
28.1798

■ 212.9910, -2.9536,
14.0399

Harmonies

Analogous

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



84.4550, 4.2127, 142.5520



69.0410, -31.5722, 140.2840



105.4870, -52.0051, 67.1019

Triad

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



69.0410, -31.5722, 140.2840



88.5810, -18.5274, -77.6855



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.



69.0410, -31.5722, 140.2840



159.9590, 31.5722, -140.2840

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



69.0410, -31.5722, 140.2840



100.2600, 18.6058, -87.9280

Square

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



69.0410, -31.5722, 140.2840



78.6580, -38.7784, -68.9831



109.1520, 52.6761, -95.7263



112.1740, 63.5112, 22.6494

Rectangle

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



69.0410, -31.5722, 140.2840



106.4300, -52.4700, 29.4409



109.1520, 52.6761, -95.7263



103.0320, 74.9202, -90.3591

Sweetspot

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



69.0410, -31.5722, 140.2840



201.8380, -10.7661, 46.6231



92.1850, 67.4498, 112.9708



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.



69.0410, -31.5722, 140.2840



76.9290, -34.9680, 156.1683



131.2800, -64.7210, 85.7004



106.7020, -1.3321, 7.2773



53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536

Inverse Universe

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



69.0410, -31.5722, 140.2840



76.9290, -34.9680, 156.1683



97.7200, 64.7210, -85.7004



106.7020, -1.3321, 7.2773



53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 69.0410, -31.5722, 140.2840 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 69.0410, -31.5722, 140.2840

Background



This preview shows how black text looks on a background with the YUV color 69.0410, -31.5722, 140.2840.



This preview shows how white text looks on a background with the YUV color 69.0410, -31.5722,

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

69.0410, -31.5722, 140.2840

Protanopia

110.3820, -39.6283, 17.2050

Deuteranopia

108.2240, -53.3544, 33.1296



Tritanopia

80.2000, -39.5386, 128.7436

Trichromacy



Original Color

69.0410, -31.5722, 140.2840

Protanomaly

95.4660, -36.7117, 61.8583

Deuteranomaly

93.9420, -45.3274, 71.9649

Tritanomaly

76.0310, -36.4973, 133.2768

Monochromacy



Original Color

69.0410, -31.5722, 140.2840

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0450, -11.3612, 50.8265

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0410, -31.5722, 140.2840 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(229, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 5)  
}
```

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(229, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 5) }
```

Border

The CSS property to change the border of an element to YUV 69.0410, -31.5722, 140.2840 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(229, 0, 5) }
```


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

```
.border{ border-color:rgb(229, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(229, 0, 5); box-shadow:4px  
4px 4px 4px rgb(229, 0, 5) }
```

Background

The CSS property to change the background color of an element to YUV 69.0410, -31.5722, 140.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 5) }
```

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

```
.background{ background-color: rgb(229, 0,  
5) }
```

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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