

Converting Colors

YUV(69.9100, -29.5356,
140.3989)

Have a look what the booklet for
YUV(69.9100, -29.5356, 140.3989)
contains.

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Color

**YUV(69.9100, -29.5356,
140.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	E6000A
RGB	230, 0, 10
RGB Percent	90%, 0%, 4%
CMY	0.0980, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.96, 0.10
HSL	357°, 100%, 45%
HSV	357°, 100%, 90%
XYZ	32.6879, 16.8449, 1.8157
YIQ	69.9100, 133.8700, 51.8700

Conversions

Conversions Part 2

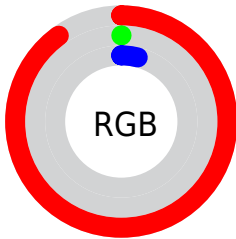
Format	Color
RYB	230, 0, 10
Decimal	15073290
CIELab	48.06, 74.17, 59.36
CIELCh	48, 95.000, 38.670
Yxy	16.8449, 0.6366, 0.3281
Android (android.graphics.Color)	4293263370 (0xFFE6000A)
YUV	69.9100, -29.5356, 140.3989
Hunter-Lab	41.0425, 70.3400, 26.1068

Details

The YUV color **69.9100, -29.5356, 140.3989** 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 **160.0900, 29.5356, -140.3989**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7300, -36.8419, 103.7228**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **69.9100, -29.5356, 140.3989**, and if you desaturate by 10%, it is **85.9190, -26.5821, 126.3590**.

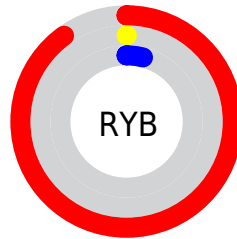
Distribution



Red (90%)

Green (0%)

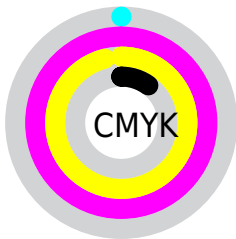
Blue (4%)



Red (90%)

Yellow (0%)

Blue (4%)

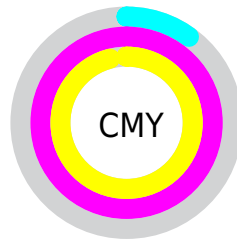


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (10%)



Cyan (10%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.9100, -29.5356, 140.3989 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 69.9100, -29.5356, 140.3989 by changing the saturation by 10% instead.


 69.9100, -29.5356,
140.3989


 69.9100, -29.5356,
140.3989


 254.4300, -2.1840,
0.4999

 58.9030, -29.0392,
121.1111


 136.7300,
-36.8419, 103.7228

 49.0360, -24.1747,
100.8234


 157.7770,
-34.8931, 85.2646


 39.1690, -19.3103,
80.5358


 178.2370,
-32.6548, 67.3212

 29.8290, -13.7197,
60.6630

 198.2240,
-29.6904, 49.7926

 20.9730, -8.8607,
42.1197

 218.9120,
-26.5786, 31.6492


 10.8780, -4.8699,
22.0320


 239.7140,


 0.0000, 0.0000,


-23.0300, 13.4058


0.0000

 251.1240,
-14.8511, 3.3993

 69.9100, -29.5356,
140.3989

 85.9190, -26.5821,
126.3590

 101.9280,
-23.6285, 112.3191

 117.9370,
-20.6749, 98.2793

 133.9460,
-17.7214, 84.2394

 149.9550,
-14.7678, 70.1995

■ 165.9640,
-11.8143, 56.1596

■ 181.9730, -8.8607,
42.1197

■ 197.9820, -5.9071,
28.0798

■ 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.



84.6830, 5.0863, 142.3520



69.9100, -29.5356, 140.3989



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.



69.9100, -29.5356, 140.3989



89.0540, -19.2536, -78.1004



98.9230, 76.9460, -86.7555

Complementary

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



69.9100, -29.5356, 140.3989



160.0900, 29.5356, -140.3989

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



69.9100, -29.5356, 140.3989



100.6190, 17.4428, -88.2429

Square

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



69.9100, -29.5356, 140.3989



79.2450, -39.0678, -69.4979



109.5110, 51.5131, -96.0411



113.4510, 63.3747, 19.7755

Rectangle

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



69.9100, -29.5356, 140.3989



107.0280, -52.7648, 30.6704



109.5110, 51.5131, -96.0411



103.6190, 74.6308, -90.8739

Sweetspot

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



69.9100, -29.5356, 140.3989



202.0660, -9.8925, 46.4231



91.4020, 68.3288, 111.0264



95.9820, -5.9071, 28.0798



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.



69.9100, -29.5356, 140.3989



77.4990, -32.7840, 155.6684



129.2310, -63.7109, 88.3744



106.7020, -1.3321, 7.2773



54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Inverse Universe

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



69.9100, -29.5356, 140.3989



77.4990, -32.7840, 155.6684



100.7690, 63.7109, -88.3744



106.7020, -1.3321, 7.2773



54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 69.9100, -29.5356, 140.3989 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 69.9100, -29.5356, 140.3989

Background



This preview shows how black text looks on a background with the YUV color 69.9100, -29.5356, 140.3989.



This preview shows how white text looks on a background with the YUV color 69.9100, -29.5356,

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

69.9100, -29.5356, 140.3989

Protanopia

110.6100, -38.7547, 17.0050

Deuteranopia

108.2240, -53.3544, 33.1296



Tritanopia

80.4990, -39.6860, 129.3584

Trichromacy



Original Color

69.9100, -29.5356, 140.3989

Protanomaly

95.8080, -35.4013, 61.5584

Deuteranomaly

94.4690, -44.6012, 72.3797

Tritanomaly

76.5580, -35.7711, 133.6916

Monochromacy



Original Color

69.9100, -29.5356, 140.3989

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1590, -10.9244, 50.7266

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9100, -29.5356, 140.3989 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, 10)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 10)  
}
```

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, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 10) }
```

Border

The CSS property to change the border of an element to YUV 69.9100, -29.5356, 140.3989 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, 10) }
```


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

```
.border{ border-color:rgb(230, 0, 10) }
```

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, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 10);  
box-shadow:4px 4px 4px 4px rgb(230, 0, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.9100, -29.5356, 140.3989 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, 10) }
```

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

```
.background{ background-color: rgb(230, 0,  
10) }
```

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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