

Converting Colors

YUV(69.1160, -28.6512,
136.7103)

Have a look what the booklet for
YUV(69.1160, -28.6512, 136.7103)
contains.

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Color

**YUV(69.1160, -28.6512,
136.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	E1010B
RGB	225, 1, 11
RGB Percent	88%, 0%, 4%
CMY	0.1176, 0.9961, 0.9569
CMYK	0.00, 1.00, 0.95, 0.12
HSL	357°, 99%, 44%
HSV	357°, 100%, 88%
XYZ	31.1226, 16.0534, 1.7749
YIQ	69.1160, 130.2940, 50.5980

Conversions

Conversions Part 2

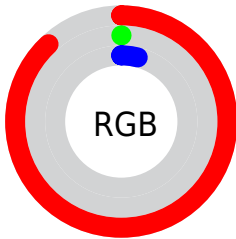
Format	Color
RYB	225, 1, 11
Decimal	14745867
CIELab	47.04, 72.88, 57.99
CIELCh	47, 93.137, 38.506
Yxy	16.0534, 0.6358, 0.3279
Android (android.graphics.Color)	4292935947 (0xFFE1010B)
YUV	69.1160, -28.6512, 136.7103
Hunter-Lab	40.0667, 68.5365, 25.4203

Details

The YUV color **69.1160, -28.6512, 136.7103** 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 **156.8840, 28.6512, -136.7103**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1430, -36.5525, 104.2376**, and **47.5410, -23.4377, 97.7495** is the 20% darker color. If you saturate the color by 10%, you get **68.4150, -28.7986, 137.3250**, and if you desaturate by 10%, it is **85.0110, -26.1344, 122.7704**.

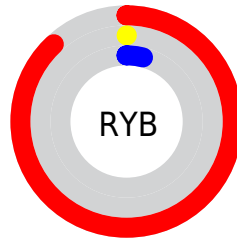
Distribution



Red (88%)

Green (0%)

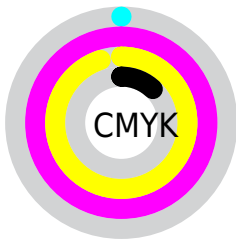
Blue (4%)



Red (88%)

Yellow (0%)

Blue (4%)

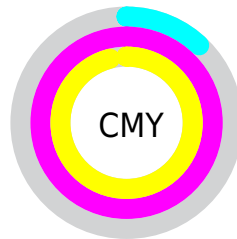


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.1160, -28.6512, 136.7103 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 69.1160, -28.6512, 136.7103 by changing the saturation by 10% instead.


 69.1160, -28.6512,
136.7103


 69.1160, -28.6512,
136.7103


 254.4300, -2.1840,
0.4999


 57.4080, -28.3021,
118.0372


 136.1430,
-36.5525, 104.2376


 47.5410, -23.4377,
97.7495

 157.1900,
-34.6037, 85.7794


 37.9730, -18.7207,
78.0767


 177.0630,
-32.0761, 68.3507

 28.6330, -13.1301,
58.2039

 197.6370,
-29.4010, 50.3074

 19.7770, -8.2711,
39.6606

 218.3250,
-26.2892, 32.1640


 9.3830, -4.1328,
18.9581


 239.1270,


 0.0000, 0.0000,


-22.7406, 13.9206


0.0000


 251.1240,
-14.8511, 3.3993


 69.1160, -28.6512,
136.7103


 69.1160, -28.6512,
136.7103


 68.4150, -28.7986,
137.3250

 85.0110, -26.1344,
122.7704

 100.4330,
-22.8915, 109.2453

 115.7410,
-20.0853, 95.8201

 131.7500,
-17.1317, 81.7803

 147.6450,
-14.6150, 67.8403

■ 163.0670,
-11.3720, 54.3152

■ 178.9620, -8.8553,
40.3753

■ 194.3840, -5.6123,
26.8502

■ 209.6920, -2.8062,
13.4251

Harmonies

Analogous

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



82.6610, 5.0971, 138.8633



69.1160, -28.6512, 136.7103



103.7150, -51.1315, 66.9019

Triad

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



69.1160, -28.6512, 136.7103



87.0650, -19.2590, -76.3560



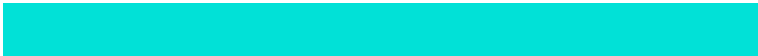
97.1620, 77.8141, -85.2111

Complementary

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



69.1160, -28.6512, 136.7103



156.8840, 28.6512, -136.7103

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.



108.9020, 72.0263, -95.5071



69.1160, -28.6512, 136.7103



98.5160, 17.0006, -86.3985

Square

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



69.1160, -28.6512, 136.7103



77.4840, -38.1996, -67.9535



107.1800, 50.1973, -93.9969



110.5110, 62.3591, 18.8459

Rectangle

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



69.1160, -28.6512, 136.7103



105.2560, -51.8912, 30.4705



107.1800, 50.1973, -93.9969



102.4450, 75.2096, -89.8443

Sweetspot

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



69.1160, -28.6512, 136.7103



202.0660, -9.8925, 46.4231



90.2230, 66.4451, 108.5524



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.



69.1160, -28.6512, 136.7103



77.4990, -32.7840, 155.6684



127.2630, -62.2477, 85.7153



104.2890, -1.6215, 6.7625



53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Inverse Universe

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



69.1160, -28.6512, 136.7103



77.4990, -32.7840, 155.6684



98.7370, 62.2477, -85.7153



104.2890, -1.6215, 6.7625



53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 69.1160, -28.6512, 136.7103 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 69.1160, -28.6512, 136.7103

Background



This preview shows how black text looks on a background with the YUV color 69.1160, -28.6512, 136.7103.



This preview shows how white text looks on a background with the YUV color 69.1160, -28.6512,

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

69.1160, -28.6512, 136.7103

Protanopia

108.5390, -37.7337, 16.1903

Deuteranopia

106.1530, -52.3334, 32.3148



Tritanopia

79.0040, -38.9490, 126.2845

Trichromacy



Original Color

69.1160, -28.6512, 136.7103

Protanomaly

94.3240, -34.6697, 60.2289

Deuteranomaly

92.6860, -43.7222, 70.4354

Tritanomaly

75.6500, -35.3235, 130.1029

Monochromacy



Original Color

69.1160, -28.6512, 136.7103

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9740, -10.3402, 50.0118

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.1160, -28.6512, 136.7103 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, 1, 11)` looks like.

```
.text, #text, p{  
  color:rgb(225, 1, 11)  
}
```

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, 1, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 1, 11) }
```

Border

The CSS property to change the border of an element to YUV 69.1160, -28.6512, 136.7103 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

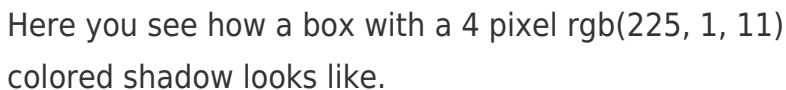
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 1, 11) }
```


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

```
.border{ border-color:rgb(225, 1, 11) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 1, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 1, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 1, 11);  
box-shadow:4px 4px 4px 4px rgb(225, 1, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.1160, -28.6512, 136.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 1, 11) }
```

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

```
.background{ background-color: rgb(225, 1,  
11) }
```

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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