

Converting Colors

YUV(73.7340, -16.1379,
89.6873)

Have a look what the booklet for
YUV(73.7340, -16.1379, 89.6873)
contains.

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Color

**YUV(73.7340, -16.1379,
89.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	B01C29
RGB	176, 28, 41
RGB Percent	69%, 11%, 16%
CMY	0.3098, 0.8902, 0.8392
CMYK	0.00, 0.84, 0.77, 0.31
HSL	355°, 73%, 40%
HSV	355°, 84%, 69%
XYZ	18.7200, 10.2207, 3.0840
YIQ	73.7340, 84.0350, 35.4190

Conversions

Conversions Part 2

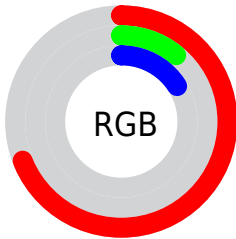
Format	Color
RYB	176, 28, 41
Decimal	11541545
CIELab	38.24, 57.14, 32.54
CIElCh	38, 65.755, 29.666
Yxy	10.2207, 0.5845, 0.3192
Android (android.graphics.Color)	4289731625 (0xFFB01C29)
YUV	73.7340, -16.1379, 89.6873
Hunter-Lab	31.9698, 48.5737, 16.6595

Details

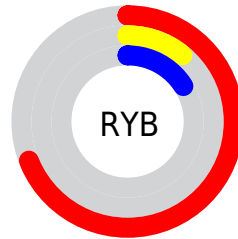
The YUV color **73.7340, -16.1379, 89.6873** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **130.2660, 16.1379, -89.6873**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2090, -23.2740, 91.9017**, and **34.3850, -16.9518, 70.6994** is the 20% darker color. If you saturate the color by 10%, you get **61.3440, -17.9176, 100.5533**, and if you desaturate by 10%, it is **86.1240, -14.3581, 78.8213**.

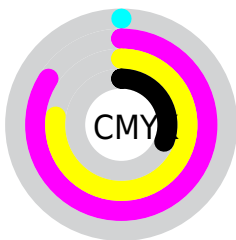
Distribution



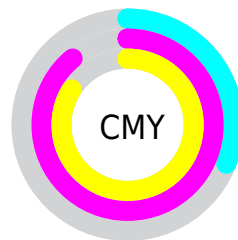
- Red (69%)
- Green (11%)
- Blue (16%)



- Red (69%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (77%)
- Black (31%)





- Cyan (31%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.7340, -16.1379, 89.6873 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 73.7340, -16.1379, 89.6873 by changing the saturation by 10% instead.


 73.7340, -16.1379,
89.6873


 73.7340, -16.1379,
89.6873


255.0000, 0.0000,
0.0000


 45.6350, -12.6381,
87.1431


 134.2090,
-23.2740, 91.9017

 34.3850, -16.9518,
70.6994


 158.1650,
-23.2523, 84.9243


 25.4150, -12.5296,
52.2560

 177.5650,
-19.9985, 67.9105

 17.2710, -7.5286,
34.8423

 196.9650,
-16.7447, 50.8967

 4.7840, -2.3585,
9.8364

 217.0660,
-13.3435, 33.2681

 0.0000, 0.0000,
0.0000

 237.2810, -9.5055,

15.5396

253.9740, -3.9312,
0.8998

73.7340, -16.1379,
89.6873

73.7340, -16.1379,
89.6873

61.3440, -17.9176,
100.5533

86.1240, -14.3581,
78.8213

54.3340, -19.3917,
106.7011

97.9270, -12.2890,
68.4700

110.3170,
-10.5093, 57.6040

122.1200, -8.4402,
47.2528

134.5100, -6.6604,
36.3867

■ 146.9000, -4.8807,
25.5207

■ 158.7030, -2.8116,
15.1695

■ 171.0930, -1.0318,
4.3034

■ 182.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



64.1230, 14.2364, 100.7471



73.7340, -16.1379, 89.6873



82.7170, -40.7795, 59.8842

Triad

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



73.7340, -16.1379, 89.6873



67.4030, -18.4397, -59.1124



80.0980, 58.1257, -70.2459

Complementary

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



73.7340, -16.1379, 89.6873



130.2660, 16.1379, -89.6873

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.



84.8450, 48.3904, -74.4091



73.7340, -16.1379, 89.6873



75.7760, 6.0264, -66.4556

Square

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



73.7340, -16.1379, 89.6873



76.9170, -37.9201, -17.4672



81.9320, 29.6135, -71.8544



88.9100, 46.8794, -9.5681

Rectangle

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



73.7340, -16.1379, 89.6873



85.2210, -42.0140, 35.7632



81.9320, 29.6135, -71.8544



82.2180, 56.0945, -72.1052

Sweetspot

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



73.7340, -16.1379, 89.6873



189.9120, -6.3656, 35.1572



84.6390, 45.0410, 66.9686



90.8070, -3.8489, 21.2173



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7340, -16.1379, 89.6873



71.0500, -25.1676, 139.3991



106.8850, -38.8903, 60.6139



82.8050, -0.8899, 5.4330



47.2290, -16.8749, 92.7612



8.0020, -2.9590, 15.7842

Inverse Universe

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



73.7340, -16.1379, 89.6873



71.0500, -25.1676, 139.3991



97.1150, 38.8903, -60.6139



82.8050, -0.8899, 5.4330



47.2290, -16.8749, 92.7612



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 73.7340, -16.1379, 89.6873 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



This preview shows how the YUV color 73.7340, -16.1379, 89.6873 looks on a 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 73.7340, -16.1379, 89.6873

Background



This preview shows how black text looks on a background with the YUV color 73.7340, -16.1379, 89.6873.



This preview shows how white text looks on a background with the YUV color 73.7340, -16.1379,

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

73.7340, -16.1379, 89.6873

Protanopia

89.8580, -14.7200, 8.0175

Deuteranopia

88.6890, -28.4407, 22.1977



Tritanopia

73.5400, -21.9582, 89.8574

Trichromacy



Original Color

73.7340, -16.1379, 89.6873

Protanomaly

83.9310, -15.2490, 37.7715

Deuteranomaly

83.6950, -24.0066, 46.7485

Tritanomaly

73.4090, -19.9216, 89.9723

Monochromacy



Original Color

73.7340, -16.1379, 89.6873

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7160, -5.7760, 32.6981

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7340, -16.1379, 89.6873 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(176, 28, 41)` looks like.

```
.text, #text, p{  
    color:rgb(176, 28, 41)  
}
```

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(176, 28, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 28, 41) }
```

Border

The CSS property to change the border of an element to YUV 73.7340, -16.1379, 89.6873 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(176, 28, 41) }
```


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

```
.border{ border-color:rgb(176, 28, 41) }
```

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

Here you see how a box with a 4 pixel rgb(176, 28, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 28, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 28, 41);  
box-shadow:4px 4px 4px 4px rgb(176, 28,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 73.7340, -16.1379, 89.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 28, 41) }
```

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

```
.background{ background-color: rgb(176, 28,  
41) }
```

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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