

Converting Colors

YUV(72.1710, -35.5803,
119.1220)

Have a look what the booklet for
YUV(72.1710, -35.5803, 119.1220)
contains.

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Color

**YUV(72.1710, -35.5803,
119.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	D01100
RGB	208, 17, 0
RGB Percent	82%, 7%, 0%
CMY	0.1843, 0.9333, 1.0000
CMYK	0.00, 0.92, 1.00, 0.18
HSL	5°, 100%, 41%
HSV	5°, 100%, 82%
XYZ	26.2129, 13.8108, 1.2842
YIQ	72.1710, 119.2930, 35.2050

Conversions

Conversions Part 2

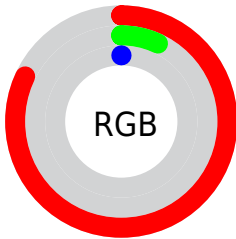
Format	Color
RYB	208, 19, 0
Decimal	13635840
CIELab	43.96, 67.01, 57.85
CIElCh	44, 88.529, 40.807
Yxy	13.8108, 0.6346, 0.3343
Android (android.graphics.Color)	4291825920 (0xFFD01100)
YUV	72.1710, -35.5803, 119.1220
Hunter-Lab	37.1629, 60.8701, 23.9652

Details

The YUV color **72.1710, -35.5803, 119.1220** 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 **135.8290, 35.5803, -119.1220**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2310, -40.0469, 105.0374**, and **42.7570, -21.0792, 87.9131** is the 20% darker color. If you saturate the color by 10%, you get **72.1710, -35.5803, 119.1220**, and if you desaturate by 10%, it is **85.7180, -31.9060, 107.2413**.

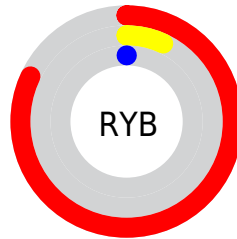
Distribution



Red (82%)

Green (7%)

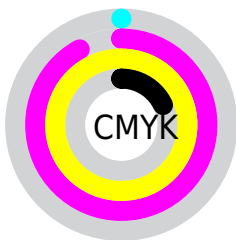
Blue (0%)



Red (82%)

Yellow (7%)

Blue (0%)

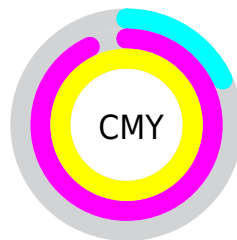


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 72.1710, -35.5803, 119.1220 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 72.1710, -35.5803, 119.1220 by changing the saturation by 10% instead.


 72.1710, -35.5803,
119.1220


 72.1710, -35.5803,
119.1220


 253.4040, -6.1152,
1.3997


 52.6240, -25.9436,
108.2008


 135.2310,
-40.0469, 105.0374


 42.7570, -21.0792,
87.9131


 155.5770,
-38.2455, 87.1940


 33.1890, -16.3622,
68.2402

 175.5640,
-35.2811, 69.6654

 24.4470, -11.0664,
49.5970

 195.5510,
-32.3166, 52.1368


 15.4770, -6.6442,
31.1537


 215.5380,
-29.3522, 34.6082


 0.0000, 0.0000,
0.0000


 236.3400,


-25.8036, 16.3648


 250.0980,
-18.7823, 4.2991

 72.1710, -35.5803,
119.1220

 85.7180, -31.9060,
107.2413

 99.2650, -28.2316,
95.3606

 112.6980,
-24.9941, 83.5799

 126.2450,
-21.3198, 71.6991

 140.3790,
-17.9348, 59.3036

■ 153.9260,
-14.2605, 47.4229

■ 167.4730,
-10.5862, 35.5422

■ 180.9060, -7.3487,
23.7614

■ 194.4530, -3.6743,
11.8807

Harmonies

Analogous

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



76.8080, 2.0667, 130.8414



72.1710, -35.5803, 119.1220



97.1700, -47.9048, 58.6099

Triad

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



72.1710, -35.5803, 119.1220



82.1240, -15.3441, -72.0227



90.9500, 79.3976, -79.7631

Complementary

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



72.1710, -35.5803, 119.1220



135.8290, 35.5803, -119.1220

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.



102.0060, 70.9890, -89.4593



72.1710, -35.5803, 119.1220



92.3040, 18.5841, -80.9506

Square

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



72.1710, -35.5803, 119.1220



72.7880, -35.8845, -63.8351



100.2840, 49.1600, -87.9491



102.9480, 56.2276, 25.4786

Rectangle

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



72.1710, -35.5803, 119.1220



97.5480, -48.0912, 24.9524



100.2840, 49.1600, -87.9491



96.5750, 78.1035, -84.6963

Sweetspot

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



72.1710, -35.5803, 119.1220



205.2460, -12.9393, 43.6343



84.3080, 54.0782, 108.4779



97.5150, -7.6489, 26.7353



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.



72.1710, -35.5803, 119.1220



88.5720, -43.6660, 145.9574



131.4580, -64.8088, 67.1273



97.8760, -1.9109, 6.2477



58.4500, -28.8159, 96.0754



14.0200, -6.9119, 23.6615

Inverse Universe

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



135.8290, 35.5803, -119.1220



166.4280, 43.6660, -145.9574



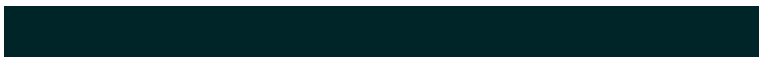
76.5420, 64.8088, -67.1273



101.1240, 1.9109, -6.2477



110.1370, 28.5265, -96.5901



26.3930, 7.2013, -23.1467

Previews

White Background



This preview shows how the YUV color 72.1710, -35.5803, 119.1220 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 72.1710, -35.5803, 119.1220 Background



This preview shows how black text looks on a background with the YUV color 72.1710, -35.5803, 119.1220.



This preview shows how white text looks on a background with the YUV color 72.1710, -35.5803,

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

72.1710, -35.5803, 119.1220

Protanopia

100.8810, -36.4233, 15.8904

Deuteranopia

98.4670, -48.5442, 30.2854



Tritanopia

72.7580, -35.8697, 118.6072

Trichromacy



Original Color

72.1710, -35.5803, 119.1220

Protanomaly

90.5250, -36.2478, 53.0366

Deuteranomaly

88.9300, -43.8425, 62.3284

Tritanomaly

72.7580, -35.8697, 118.6072

Monochromacy



Original Color

72.1710, -35.5803, 119.1220

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9470, -12.7919, 43.0195

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1710, -35.5803, 119.1220 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(208, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 17, 0)  
}
```

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(208, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 17, 0) }
```

Border

The CSS property to change the border of an element to YUV 72.1710, -35.5803, 119.1220 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(208, 17, 0) }
```


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

```
.border{ border-color:rgb(208, 17, 0) }
```

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

Here you see how a box with a 4 pixel rgb(208, 17, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 17, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 17, 0);  
box-shadow:4px 4px 4px 4px rgb(208, 17, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.1710, -35.5803, 119.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 17, 0) }
```

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

```
.background{ background-color: rgb(208, 17,  
0) }
```

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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