

Converting Colors

YUV(71.1540, -33.1069,
119.1369)

Have a look what the booklet for
YUV(71.1540, -33.1069, 119.1369)
contains.

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Color

**YUV(71.1540, -33.1069,
119.1369)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0F04
RGB	207, 15, 4
RGB Percent	81%, 6%, 2%
CMY	0.1882, 0.9412, 0.9843
CMYK	0.00, 0.93, 0.98, 0.19
HSL	3°, 96%, 41%
HSV	3°, 98%, 81%
XYZ	25.9249, 13.6158, 1.3766
YIQ	71.1540, 117.9630, 37.2830

Conversions

Conversions Part 2

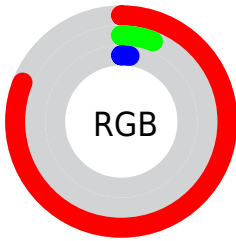
Format	Color
RYB	207, 16, 4
Decimal	13569796
CIELab	43.68, 67.03, 56.30
CIELCh	44, 87.540, 40.025
Yxy	13.6158, 0.6336, 0.3328
Android (android.graphics.Color)	4291759876 (0xFFCF0F04)
YUV	71.1540, -33.1069, 119.1369
Hunter-Lab	36.8996, 60.8359, 23.6178

Details

The YUV color **71.1540, -33.1069, 119.1369** 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 **139.8460, 33.1069, -119.1369**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4590, -39.1733, 104.8375**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **68.3500, -33.6965, 121.5961**, and if you desaturate by 10%, it is **85.2880, -29.7220, 106.7414**.

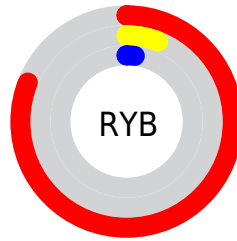
Distribution



Red (81%)

Green (6%)

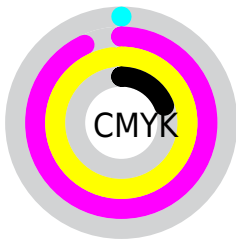
Blue (2%)



Red (81%)

Yellow (6%)

Blue (2%)

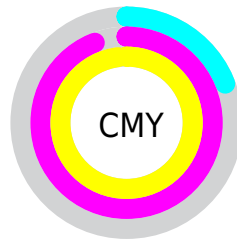


Cyan (0%)

Magenta (93%)

Yellow (98%)

Black (19%)



Cyan (19%)


Magenta (94%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 71.1540, -33.1069, 119.1369 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 71.1540, -33.1069, 119.1369 by changing the saturation by 10% instead.


 71.1540, -33.1069,
119.1369


 71.1540, -33.1069,
119.1369


 253.6320, -5.2416,
1.1997


 52.3250, -25.7962,
107.5860


 135.4590,
-39.1733, 104.8375


 42.4580, -20.9318,
87.2983


 155.3320,
-36.6457, 87.4088


 32.8900, -16.2148,
67.6255

 175.2050,
-34.1181, 69.9802

 24.1480, -10.9190,
48.9822

 195.1920,
-31.1537, 52.4516

 15.1780, -6.4968,
30.5389


 215.2930,
-27.7524, 34.8230


 0.0000, 0.0000,
0.0000


 235.9810,


-24.6406, 16.6797


 250.3260,
-17.9087, 4.0991


 71.1540, -33.1069,
119.1369


 71.1540, -33.1069,
119.1369

 68.3500, -33.6965,
121.5961

 85.2880, -29.7220,
106.7414

 98.7210, -26.4845,
94.9607

 112.8550,
-23.0995, 82.5652

 126.4020,
-19.4252, 70.6844

 140.4220,
-16.4770, 58.3889

■ 153.9690,
-12.8027, 46.5082

■ 168.1030, -9.4178,
34.1127

■ 182.2370, -6.0328,
21.7172

■ 195.6700, -2.7953,
9.9364

Harmonies

Analogous

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



76.4380, 3.2351, 129.4119



71.1540, -33.1069, 119.1369



96.2950, -47.4734, 60.2543

Triad

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



71.1540, -33.1069, 119.1369



81.3090, -15.9283, -71.3080



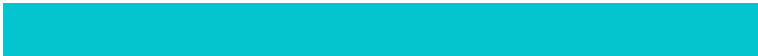
90.7220, 78.5241, -79.5632

Complementary

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



71.1540, -33.1069, 119.1369



139.8460, 33.1069, -119.1369

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.



100.9630, 69.5312, -88.5446



71.1540, -33.1069, 119.1369



91.3750, 17.5631, -80.1359

Square

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



71.1540, -33.1069, 119.1369



71.6140, -35.3057, -62.8055



99.3550, 48.1390, -87.1343



102.3390, 56.5279, 22.5047

Rectangle

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



71.1540, -33.1069, 119.1369



96.9610, -47.8018, 25.4672



99.3550, 48.1390, -87.1343



95.6460, 77.0825, -83.8815

Sweetspot

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



71.1540, -33.1069, 119.1369



205.4740, -12.0657, 43.4343



86.6990, 54.3784, 105.5040



97.6290, -7.2121, 26.6354



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.



71.1540, -33.1069, 119.1369



84.4630, -41.6403, 149.5609



130.4410, -62.3354, 67.1422



97.8760, -1.9109, 6.2477



55.5150, -27.3689, 98.6493



13.4330, -6.6225, 24.1763

Inverse Universe

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



139.8460, 33.1069, -119.1369



170.5370, 41.6403, -149.5609



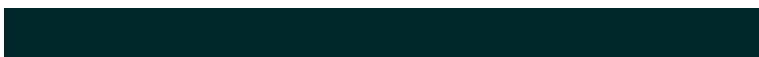
80.5590, 62.3354, -67.1422



101.1240, 1.9109, -6.2477



112.4850, 27.3689, -98.6493



27.5670, 6.6225, -24.1763

Previews

White Background



This preview shows how the YUV color 71.1540, -33.1069, 119.1369 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 71.1540, -33.1069, 119.1369

Background



This preview shows how black text looks on a background with the YUV color 71.1540, -33.1069, 119.1369.



This preview shows how white text looks on a background with the YUV color 71.1540, -33.1069,

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

71.1540, -33.1069, 119.1369

Protanopia

99.9950, -35.9865, 15.7904

Deuteranopia

98.1680, -48.3968, 29.6707



Tritanopia

72.1600, -35.5749, 117.3777

Trichromacy



Original Color

71.1540, -33.1069, 119.1369

Protanomaly

89.2800, -34.6480, 53.2514

Deuteranomaly

88.1580, -42.9689, 62.1284

Tritanomaly

71.6870, -34.8487, 117.7925

Monochromacy



Original Color

71.1540, -33.1069, 119.1369

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1750, -11.9183, 42.8195

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1540, -33.1069, 119.1369 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(207, 15, 4)` looks like.

```
.text, #text, p{  
    color:rgb(207, 15, 4)  
}
```

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(207, 15, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 15, 4) }
```

Border

The CSS property to change the border of an element to YUV 71.1540, -33.1069, 119.1369 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(207, 15, 4) }
```


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

```
.border{ border-color:rgb(207, 15, 4) }
```

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

Here you see how a box with a 4 pixel rgb(207, 15, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 15, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 15, 4);  
box-shadow:4px 4px 4px 4px rgb(207, 15, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.1540, -33.1069, 119.1369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 15, 4) }
```

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

```
.background{ background-color: rgb(207, 15,  
4) }
```

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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