

Converting Colors

YUV(107.3600, -39.1245,
89.1383)

Have a look what the booklet for
YUV(107.3600, -39.1245, 89.1383)
contains.

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Color

**YUV(107.3600, -39.1245,
89.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	D1471C
RGB	209, 71, 28
RGB Percent	82%, 28%, 11%
CMY	0.1804, 0.7216, 0.8902
CMYK	0.00, 0.66, 0.87, 0.18
HSL	14°, 76%, 46%
HSV	14°, 87%, 82%
XYZ	28.7573, 18.1456, 3.0854
YIQ	107.3600, 96.0510, 15.8830

Conversions

Conversions Part 2

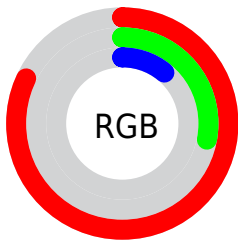
Format	Color
R_{YB}	209, 84, 28
Decimal	13715228
CIE Lab	49.67, 52.60, 52.25
CIE LCh	50, 74.140, 44.813
Yxy	18.1456, 0.5753, 0.3630
Android (android.graphics.Color)	4291905308 (0xFFD1471C)
YUV	107.3600, -39.1245, 89.1383
Hunter-Lab	42.5977, 45.9579, 25.5240

Details

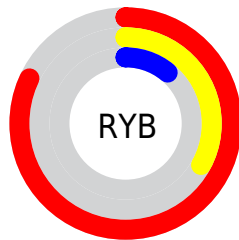
The YUV color **107.3600, -39.1245, 89.1383** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **129.6400, 39.1245, -89.1383**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9850, -40.4186, 84.2052**, and **43.6540, -21.5214, 89.7574** is the 20% darker color. If you saturate the color by 10%, you get **95.5740, -43.6670, 99.4746**, and if you desaturate by 10%, it is **119.1460, -34.5820, 78.8020**.

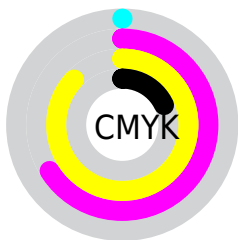
Distribution



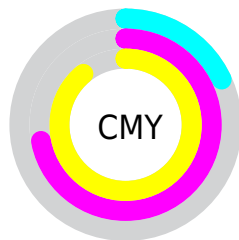
- Red (82%)
- Green (28%)
- Blue (11%)



- Red (82%)
- Yellow (33%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (87%)
- Black (18%)



- Cyan (18%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3600, -39.1245, 89.1383 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 107.3600, -39.1245, 89.1383 by changing the saturation by 10% instead.

107.3600,
-39.1245, 89.1383

107.3600,
-39.1245, 89.1383

255.0000, 0.0000,
0.0000

77.5770, -38.2455,
87.1940

158.9850,
-40.4186, 84.2052

43.6540, -21.5214,
89.7574

177.6840,
-37.3122, 67.8061

34.3850, -16.9518,
70.6994

197.0840,
-34.0584, 50.7923

25.4150, -12.5296,
52.2560

217.1850,
-30.6572, 33.1638

17.5700, -7.6760,
35.4571

237.2860,
-27.2560, 15.5352

5.6810, -2.8007,
11.6808

249.8700,

0.0000, 0.0000,

-19.6559, 4.4990

0.0000

253.1760, -6.9888,
1.5996

107.3600,
-39.1245, 89.1383

107.3600,
-39.1245, 89.1383

95.5740, -43.6670,
99.4746

119.1460,
-34.5820, 78.8020

91.8410, -45.2776,
102.7484

130.9320,
-30.0395, 68.4656

142.7180,
-25.4970, 58.1293

154.5040,
-20.9545, 47.7930

166.2900,
-16.4120, 37.4567

■ 177.9620,
-12.3063, 27.2203

■ 189.7480, -7.7638,
16.8840

■ 200.9470, -2.9319,
7.0625

■ 212.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



97.7920, -3.8415, 112.4384



107.3600, -39.1245, 89.1383



110.9920, -54.7191, 50.8730

Triad

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



107.3600, -39.1245, 89.1383



93.4030, -5.1287, -81.9144



95.6800, 72.1358, -83.9114

Complementary

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



107.3600, -39.1245, 89.1383



129.6400, 39.1245, -89.1383

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.



106.7190, 66.2005, -93.5926



107.3600, -39.1245, 89.1383



102.1010, 23.1212, -89.5426

Square

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



107.3600, -39.1245, 89.1383



87.7090, -42.7475, -55.8728



107.4250, 48.5975, -94.2117



120.3760, 43.6916, 32.9962

Rectangle

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



107.3600, -39.1245, 89.1383



109.9190, -54.1901, 21.1190



107.4250, 48.5975, -94.2117



100.1310, 71.4204, -87.8149

Sweetspot

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



107.3600, -39.1245, 89.1383



217.5390, -14.0697, 32.8533



97.9650, 34.0343, 97.3777



105.2430, -8.5008, 19.9579



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.



107.3600, -39.1245, 89.1383



112.0520, -55.2416, 125.3654



160.1900, -65.1697, 42.8064



99.0500, -2.4897, 5.2181



73.7120, -36.3400, 82.6906



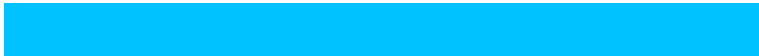
18.1290, -8.9376, 20.0579

Inverse Universe

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



129.6400, 39.1245, -89.1383



142.9480, 55.2416, -125.3654



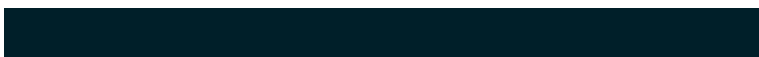
76.8100, 65.1697, -42.8064



99.9500, 2.4897, -5.2181



94.2880, 36.3400, -82.6906



22.8710, 8.9376, -20.0579

Previews

White Background



This preview shows how the YUV color 107.3600, -39.1245, 89.1383 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 107.3600, -39.1245, 89.1383 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.3600, -39.1245, 89.1383

Background



This preview shows how black text looks on a background with the YUV color 107.3600, -39.1245, 89.1383.



This preview shows how white text looks on a background with the YUV color 107.3600, -39.1245, 89.1383.

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

107.3600, -39.1245, 89.1383

Protanopia

114.1800, -36.5707, 16.5051

Deuteranopia

111.1810, -54.8122, 34.0443



Tritanopia

110.0990, -19.7688, 87.6132

Trichromacy



Original Color

107.3600, -39.1245, 89.1383

Protanomaly

112.1170, -37.5257, 42.8704

Deuteranomaly

109.7950, -49.1989, 53.6768

Tritanomaly

108.9760, -26.6102, 88.5980

Monochromacy



Original Color

107.3600, -39.1245, 89.1383

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1260, -14.3591, 32.3385

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3600, -39.1245, 89.1383 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(209, 71, 28)` looks like.

```
.text, #text, p{  
    color:rgb(209, 71, 28)  
}
```

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(209, 71, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 71, 28) }
```

Border

The CSS property to change the border of an element to YUV 107.3600, -39.1245, 89.1383 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(209, 71, 28) }
```


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

```
.border{ border-color:rgb(209, 71, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 71, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 71, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 71, 28);  
box-shadow:4px 4px 4px 4px rgb(209, 71,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 107.3600, -39.1245, 89.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 71, 28) }
```

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

```
.background{ background-color: rgb(209, 71,  
28) }
```

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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