

Converting Colors

YUV(109.1470, -39.5125,
73.5391)

Have a look what the booklet for
YUV(109.1470, -39.5125, 73.5391)
contains.

YUV(109.1470, -39.5125, 73.5391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.1470, -39.5125,
73.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	C1521D
RGB	193, 82, 29
RGB Percent	76%, 32%, 11%
CMY	0.2431, 0.6784, 0.8863
CMYK	0.00, 0.58, 0.85, 0.24
HSL	19°, 74%, 44%
HSV	19°, 85%, 76%
XYZ	25.2314, 17.4608, 3.2028
YIQ	109.1470, 83.1690, 7.0490

Conversions

Conversions Part 2

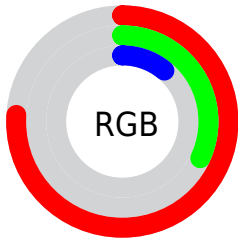
Format	Color
RYB	193, 107, 29
Decimal	12669469
CIELab	48.84, 41.88, 50.05
CIELCh	49, 65.259, 50.076
Yxy	17.4608, 0.5498, 0.3805
Android (android.graphics.Color)	4290859549 (0xFFC1521D)
YUV	109.1470, -39.5125, 73.5391
Hunter-Lab	41.7861, 34.6568, 24.7058

Details

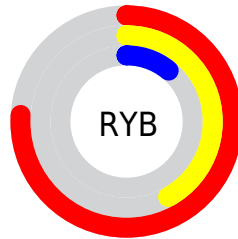
The YUV color **109.1470, -39.5125, 73.5391** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **112.8530, 39.5125, -73.5391**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7950, -42.2969, 79.9868**, and **56.4910, -27.8501, 66.2214** is the 20% darker color. If you saturate the color by 10%, you get **99.3500, -44.0496, 82.1310**, and if you desaturate by 10%, it is **118.9440, -34.9754, 64.9471**.

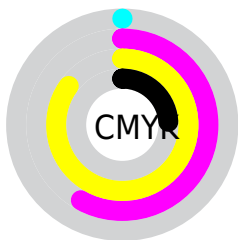
Distribution



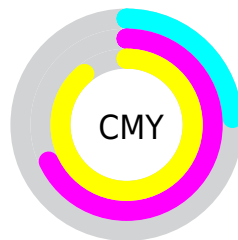
- Red (76%)
- Green (32%)
- Blue (11%)



- Red (76%)
- Yellow (42%)
- Blue (11%)



- Cyan (0%)
- Magenta (58%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (68%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1470, -39.5125, 73.5391 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 109.1470, -39.5125, 73.5391 by changing the saturation by 10% instead.

■ 109.1470,
-39.5125, 73.5391

■ 109.1470,
-39.5125, 73.5391

255.0000, 0.0000,
0.0000

■ 81.4240, -39.6490,
70.6652

■ 163.7950,
-42.2969, 79.9868

■ 56.4910, -27.8501,
66.2214

■ 183.1950,
-39.0431, 62.9730

■ 30.4980, -15.0355,
62.7073

■ 202.0080,
-35.4999, 46.4740

■ 21.8270, -10.7607,
44.8787

■ 221.9950,
-32.5355, 28.9454

■ 14.5800, -6.2019,
29.3093

■ 242.2100,
-28.6975, 11.2168

■ 0.0000, 0.0000,
0.0000

■ 250.0980,

-18.7823, 4.2991

253.2900, -6.5520,
1.4997

109.1470,
-39.5125, 73.5391

109.1470,
-39.5125, 73.5391

99.3500, -44.0496,
82.1310

118.9440,
-34.9754, 64.9471

94.1010, -46.3918,
86.7344

128.8550,
-30.0015, 56.2552

138.6520,
-25.4644, 47.6632

148.4490,
-20.9274, 39.0712

158.3600,
-15.9535, 30.3793

■ 168.1570,
-11.4164, 21.7873

■ 177.9540, -6.8793,
13.1953

■ 188.3380, -2.6316,
4.0886

■ 198.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



105.6080, -11.6387, 93.3058



109.1470, -39.5125, 73.5391



109.1540, -53.8129, 40.2069

Triad

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



109.1470, -39.5125, 73.5391



92.4230, 1.2705, -81.0550



109.5090, 54.9651, -36.4034

Complementary

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



109.1470, -39.5125, 73.5391



112.8530, 39.5125, -73.5391

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.



100.9000, 61.6743, -88.4893



109.1470, -39.5125, 73.5391



100.2090, 26.0260, -87.8833

Square

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



109.1470, -39.5125, 73.5391



88.8450, -25.5596, -62.1311



103.8060, 47.4236, -91.0379



118.3030, 34.3606, 39.1993

Rectangle

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



109.1470, -39.5125, 73.5391



107.2170, -52.8580, 13.8417



103.8060, 47.4236, -91.0379



94.4430, 64.8576, -82.8265

Sweetspot

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



109.1470, -39.5125, 73.5391



218.1640, -15.3639, 27.9202



90.8040, 24.7466, 89.6259



105.9930, -9.3635, 16.6691



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



109.1470, -39.5125, 73.5391



122.2970, -60.2924, 111.9955



156.6940, -62.9531, 31.8404



91.7510, -2.3422, 4.6034



78.6630, -38.7809, 72.2095



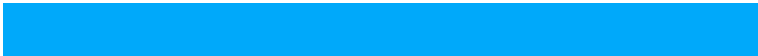
16.3240, -8.0477, 14.6249

Inverse Universe

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



112.8530, 39.5125, -73.5391



127.7030, 60.2924, -111.9955



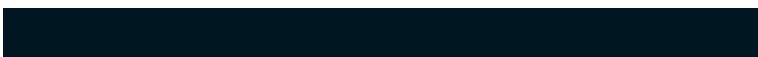
65.3060, 62.9531, -31.8404



92.2490, 2.3422, -4.6034



82.3370, 38.7809, -72.2095



16.6760, 8.0477, -14.6249

Previews

White Background



This preview shows how the YUV color 109.1470, -39.5125, 73.5391 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 109.1470, -39.5125, 73.5391 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 109.1470, -39.5125, 73.5391 Background



This preview shows how black text looks on a background with the YUV color 109.1470, -39.5125, 73.5391.



This preview shows how white text looks on a background with the YUV color 109.1470, -39.5125, 73.5391.

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

109.1470, -39.5125, 73.5391

Protanopia

112.1800, -36.5707, 16.5051

Deuteranopia

110.5920, -48.1129, 31.9298



Tritanopia

112.8520, -15.2100, 72.0438

Trichromacy



Original Color

109.1470, -39.5125, 73.5391

Protanomaly

111.0840, -37.5094, 37.6373

Deuteranomaly

109.9020, -44.8147, 47.4439

Tritanomaly

111.5610, -23.9406, 72.2990

Monochromacy



Original Color

109.1470, -39.5125, 73.5391

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0930, -14.3428, 27.1054

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1470, -39.5125, 73.5391 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(193, 82, 29)` looks like.

```
.text, #text, p{  
    color:rgb(193, 82, 29)  
}
```

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(193, 82, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 82, 29) }
```

Border

The CSS property to change the border of an element to YUV 109.1470, -39.5125, 73.5391 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(193, 82, 29) }
```


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

```
.border{ border-color:rgb(193, 82, 29) }
```

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

Here you see how a box with a 4 pixel rgb(193, 82, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 82, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 82, 29);  
box-shadow:4px 4px 4px 4px rgb(193, 82,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 109.1470, -39.5125, 73.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 82, 29) }
```

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

```
.background{ background-color: rgb(193, 82,  
29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor