

Converting Colors

YUV(70.5390, -30.3387,
117.9223)

Have a look what the booklet for
YUV(70.5390, -30.3387, 117.9223)
contains.

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Color

**YUV(70.5390, -30.3387,
117.9223)**

Conversions

Conversions Part 1

Format	Color
Hex	CD0E09
RGB	205, 14, 9
RGB Percent	80%, 5%, 4%
CMY	0.1961, 0.9451, 0.9647
CMYK	0.00, 0.93, 0.96, 0.20
HSL	2°, 92%, 42%
HSV	2°, 96%, 80%
XYZ	25.3832, 13.3129, 1.4903
YIQ	70.5390, 115.4410, 38.9370

Conversions

Conversions Part 2

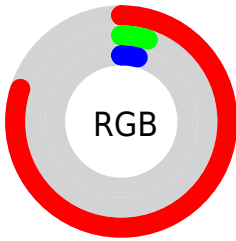
Format	Color
RYB	205, 14, 9
Decimal	13438473
CIELab	43.23, 66.68, 54.28
CIElCh	43, 85.982, 39.147
Yxy	13.3129, 0.6316, 0.3313
Android (android.graphics.Color)	4291628553 (0xFFCD0E09)
YUV	70.5390, -30.3387, 117.9223
Hunter-Lab	36.4869, 60.3267, 23.1192

Details

The YUV color **70.5390, -30.3387, 117.9223** 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 **143.4610, 30.3387, -117.9223**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2140, -37.5735, 105.0523**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **64.2300, -31.6654, 123.4553**, and if you desaturate by 10%, it is **84.5590, -27.3906, 105.6268**.

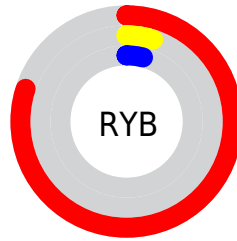
Distribution



Red (80%)

Green (5%)

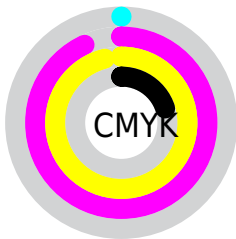
Blue (4%)



Red (80%)

Yellow (5%)

Blue (4%)

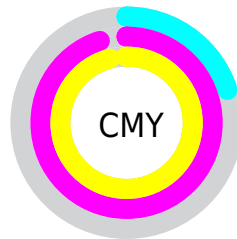


Cyan (0%)

Magenta (93%)

Yellow (96%)

Black (20%)



Cyan (20%)


Magenta (95%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.5390, -30.3387, 117.9223 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 70.5390, -30.3387, 117.9223 by changing the saturation by 10% instead.


 70.5390, -30.3387,
117.9223


 70.5390, -30.3387,
117.9223


 253.9740, -3.9312,
0.8998

 51.7270, -25.5014,
106.3564


 135.2140,
-37.5735, 105.0523

 41.8600, -20.6370,
86.0688


 155.0870,
-35.0459, 87.6237


 32.5910, -16.0674,
67.0107

 174.9600,
-32.5183, 70.1951

 23.5500, -10.6242,
47.7527

 194.9470,
-29.5539, 52.6665


 14.5800, -6.2019,
29.3093


 215.6350,
-26.4421, 34.5231


 0.0000, 0.0000,
0.0000


 235.7360,


-23.0408, 16.8945


 250.6680,
-16.5983, 3.7992


 70.5390, -30.3387,
117.9223

 70.5390, -30.3387,
117.9223

 64.2300, -31.6654,
123.4553

 84.5590, -27.3906,
105.6268

 98.6930, -24.0056,
93.2312

 112.7130,
-21.0575, 80.9357

 126.8470,
-17.6726, 68.5402

 140.8670,
-14.7244, 56.2446

■ 155.0010,
-11.3395, 43.8491

■ 169.0210, -8.3914,
31.5536

■ 183.1550, -5.0064,
19.1581

■ 197.1750, -2.0583,
6.8625

Harmonies

Analogous

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



75.3560, 4.2615, 126.8528



70.5390, -30.3387, 117.9223



95.4090, -47.0366, 60.1543

Triad

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



70.5390, -30.3387, 117.9223



79.7930, -16.6599, -69.9785



90.2660, 76.7769, -79.1633

Complementary

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



70.5390, -30.3387, 117.9223



143.4610, 30.3387, -117.9223

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.



99.9200, 68.0734, -87.6298



70.5390, -30.3387, 117.9223



90.3320, 16.1053, -79.2212

Square

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



70.5390, -30.3387, 117.9223



71.0270, -35.0163, -62.2907



98.1980, 46.2444, -86.1196



101.5020, 55.9545, 19.7307

Rectangle

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



70.5390, -30.3387, 117.9223



96.0860, -47.3704, 27.1116



98.1980, 46.2444, -86.1196



94.6030, 75.6247, -82.9668

Sweetspot

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



70.5390, -30.3387, 117.9223



204.3000, -11.4869, 44.4639



89.6060, 55.4102, 101.2005



97.0420, -6.9227, 27.1502



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.



70.5390, -30.3387, 117.9223



80.3540, -39.6145, 153.1645



126.8910, -58.1203, 68.5016



94.9900, -1.4741, 6.1478



51.9820, -25.6271, 99.9938



11.9490, -5.8909, 22.8467

Inverse Universe

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



143.4610, 30.3387, -117.9223



174.6460, 39.6145, -153.1645



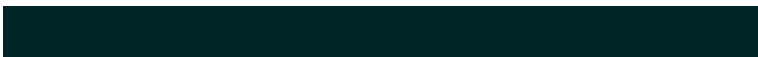
87.1090, 58.1203, -68.5016



99.0100, 1.4741, -6.1478



114.0180, 25.6271, -99.9938



26.0510, 5.8909, -22.8467

Previews

White Background



This preview shows how the YUV color 70.5390, -30.3387, 117.9223 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 70.5390, -30.3387, 117.9223

Background



This preview shows how black text looks on a background with the YUV color 70.5390, -30.3387, 117.9223.



This preview shows how white text looks on a background with the YUV color 70.5390, -30.3387,

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

70.5390, -30.3387, 117.9223

Protanopia

99.3370, -34.6761, 15.4905

Deuteranopia

97.2820, -47.9600, 29.5707



Tritanopia

71.5620, -35.2801, 116.1481

Trichromacy



Original Color

70.5390, -30.3387, 117.9223

Protanomaly

88.7360, -32.9008, 52.8515

Deuteranomaly

87.5000, -41.6585, 61.8285

Tritanomaly

71.3170, -33.6803, 116.3630

Monochromacy



Original Color

70.5390, -30.3387, 117.9223

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7020, -11.1921, 43.2343

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5390, -30.3387, 117.9223 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(205, 14, 9)` looks like.

```
.text, #text, p{  
    color:rgb(205, 14, 9)  
}
```

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(205, 14, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 14, 9) }
```

Border

The CSS property to change the border of an element to YUV 70.5390, -30.3387, 117.9223 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(205, 14, 9) }
```


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

```
.border{ border-color:rgb(205, 14, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 14, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 14, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 14, 9);  
box-shadow:4px 4px 4px 4px rgb(205, 14, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5390, -30.3387, 117.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 14, 9) }
```

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

```
.background{ background-color: rgb(205, 14,  
9) }
```

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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