

Converting Colors

YUV(107.3050, -39.0974,
80.4165)

Have a look what the booklet for
YUV(107.3050, -39.0974, 80.4165)
contains.

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Color

**YUV(107.3050, -39.0974,
80.4165)**

Conversions

Conversions Part 1

Format	Color
Hex	C74C1C
RGB	199, 76, 28
RGB Percent	78%, 30%, 11%
CMY	0.2196, 0.7020, 0.8902
CMYK	0.00, 0.62, 0.86, 0.22
HSL	17°, 75%, 45%
HSV	17°, 86%, 78%
XYZ	26.3472, 17.3948, 3.0675
YIQ	107.3050, 88.7160, 11.1480

Conversions

Conversions Part 2

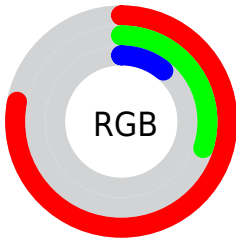
Format	Color
R_{YB}	199, 95, 28
Decimal	13061148
CIE _{Lab}	48.75, 46.90, 50.79
CIE _{LCh}	49, 69.132, 47.278
Yxy	17.3948, 0.5629, 0.3716
Android (android.graphics.Color)	4291251228 (0xFFC74C1C)
YUV	107.3050, -39.0974, 80.4165
Hunter-Lab	41.7071, 39.7746, 24.8343

Details

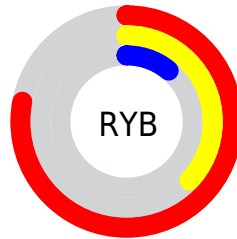
The YUV color **107.3050, -39.0974, 80.4165** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **119.6950, 39.0974, -80.4165**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7460, -41.2868, 82.6608**, and **51.5290, -25.4038, 74.9581** is the 20% darker color. If you saturate the color by 10%, you get **96.8070, -43.7819, 89.6233**, and if you desaturate by 10%, it is **117.8030, -34.4129, 71.2098**.

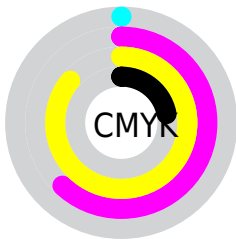
Distribution



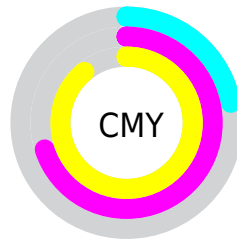
- Red (78%)
- Green (30%)
- Blue (11%)



- Red (78%)
- Yellow (37%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (86%)
- Black (22%)



- Cyan (22%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3050, -39.0974, 80.4165 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 107.3050, -39.0974, 80.4165 by changing the saturation by 10% instead.

107.3050,
-39.0974, 80.4165

107.3050,
-39.0974, 80.4165

255.0000, 0.0000,
0.0000

78.9950, -38.9445,
78.0574

160.7460,
-41.2868, 82.6608

51.5290, -25.4038,
74.9581

180.0320,
-38.4698, 65.7469

31.9930, -15.7725,
65.7811

198.8450,
-34.9266, 49.2479

23.0230, -11.3503,
47.3378

218.9460,
-31.5254, 31.6194

15.4770, -6.6442,
31.1537

239.0470,
-28.1242, 13.9908

0.0000, 0.0000,
0.0000

249.8700,

-19.6559, 4.4990

253.1760, -6.9888,
1.5996

107.3050,
-39.0974, 80.4165

107.3050,
-39.0974, 80.4165

96.8070, -43.7819,
89.6233

117.8030,
-34.4129, 71.2098

92.3730, -45.5399,
93.5119

128.8880,
-30.0178, 61.4882

139.3860,
-25.3333, 52.2815

149.8840,
-20.6488, 43.0747

160.9690,
-16.2537, 33.3532

■ 171.3530,
-12.0060, 24.2464

■ 181.8510, -7.3215,
15.0397

■ 192.9360, -2.9264,
5.3181

■ 203.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



101.5750, -8.1715, 101.2277



107.3050, -39.0974, 80.4165



109.1870, -53.8292, 45.4400

Triad

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



107.3050, -39.0974, 80.4165



92.2120, -2.0765, -80.8699



101.1300, 63.0399, -59.7500

Complementary

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



107.3050, -39.0974, 80.4165



119.6950, 39.0974, -80.4165

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.



102.6440, 63.2795, -90.0188



107.3050, -39.0974, 80.4165



99.7530, 24.2788, -87.4834

Square

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



107.3050, -39.0974, 80.4165



87.5590, -31.8276, -58.3722



104.5070, 47.5710, -91.6526



118.0190, 38.4446, 35.9403

Rectangle

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



107.3050, -39.0974, 80.4165



107.5380, -53.0162, 17.9452



104.5070, 47.5710, -91.6526



96.4150, 67.3364, -84.5560

Sweetspot

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



107.3050, -39.0974, 80.4165



219.3000, -14.9379, 31.3089



93.3790, 29.3932, 92.6296



106.4170, -9.0796, 18.9283



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.



107.3050, -39.0974, 80.4165



118.5090, -58.4249, 119.7026



156.0260, -63.1168, 37.6882



93.8650, -1.9054, 4.5034



75.7390, -37.3393, 76.5279



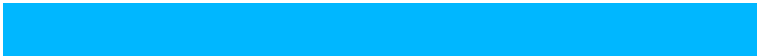
16.6340, -8.2006, 16.9840

Inverse Universe

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



119.6950, 39.0974, -80.4165



136.4910, 58.4249, -119.7026



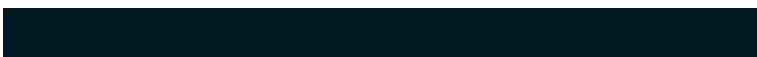
70.9740, 63.1168, -37.6882



95.1350, 1.9054, -4.5034



87.2610, 37.3393, -76.5279



19.3660, 8.2006, -16.9840

Previews

White Background



This preview shows how the YUV color 107.3050, -39.0974, 80.4165 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 107.3050, -39.0974, 80.4165 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 107.3050, -39.0974, 80.4165

Background



This preview shows how black text looks on a background with the YUV color 107.3050, -39.0974, 80.4165.



This preview shows how white text looks on a background with the YUV color 107.3050, -39.0974,

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

107.3050, -39.0974, 80.4165

Protanopia

111.8810, -36.4233, 15.8904

Deuteranopia

108.5230, -53.5018, 33.7443



Tritanopia

110.0270, -17.2683, 78.9063

Trichromacy



Original Color

107.3050, -39.0974, 80.4165

Protanomaly

110.0950, -37.5148, 39.3817

Deuteranomaly

108.3000, -48.4619, 50.6029

Tritanomaly

109.2630, -25.2727, 79.5763

Monochromacy



Original Color

107.3050, -39.0974, 80.4165

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1040, -14.3483, 28.8498

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3050, -39.0974, 80.4165 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(199, 76, 28)` looks like.

```
.text, #text, p{  
    color:rgb(199, 76, 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(199, 76, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 76, 28) }
```

Border

The CSS property to change the border of an element to YUV 107.3050, -39.0974, 80.4165 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(199, 76, 28) }
```


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

```
.border{ border-color:rgb(199, 76, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 76, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 76, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 76, 28);  
box-shadow:4px 4px 4px 4px rgb(199, 76,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 107.3050, -39.0974, 80.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 76, 28) }
```

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

```
.background{ background-color: rgb(199, 76,  
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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