

Converting Colors

YUV(107.0310, -33.5393,
71.0098)

Have a look what the booklet for
YUV(107.0310, -33.5393, 71.0098)
contains.

YUV(107.0310, -33.5393, 71.0098)	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(107.0310, -33.5393,
71.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4F27
RGB	188, 79, 39
RGB Percent	74%, 31%, 15%
CMY	0.2627, 0.6902, 0.8471
CMYK	0.00, 0.58, 0.79, 0.26
HSL	16°, 66%, 45%
HSV	16°, 79%, 74%
XYZ	23.9012, 16.4298, 3.8310
YIQ	107.0310, 77.8040, 10.6680

Conversions

Conversions Part 2

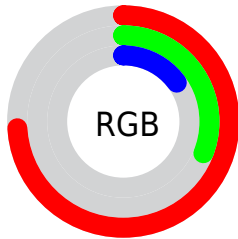
Format	Color
R_{YB}	188, 94, 39
Decimal	12341031
CIE _{Lab}	47.53, 41.74, 44.00
CIE _{LCh}	48, 60.655, 46.510
Yxy	16.4298, 0.5412, 0.3720
Android (android.graphics.Color)	4290531111 (0xFFBC4F27)
YUV	107.0310, -33.5393, 71.0098
Hunter-Lab	40.5337, 34.3209, 22.7699

Details

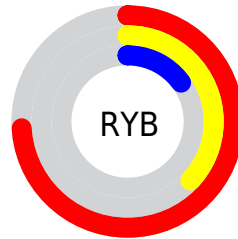
The YUV color **107.0310, -33.5393, 71.0098** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **119.9690, 33.5393, -71.0098**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5650, -36.7605, 77.5575**, and **53.5340, -26.3923, 65.3067** is the 20% darker color. If you saturate the color by 10%, you get **96.6470, -37.7870, 80.1166**, and if you desaturate by 10%, it is **117.4150, -29.2916, 61.9030**.

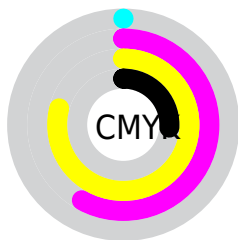
Distribution



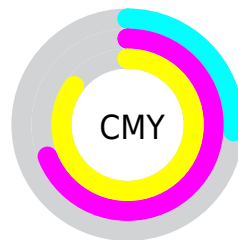
- Red (74%)
- Green (31%)
- Blue (15%)



- Red (74%)
- Yellow (37%)
- Blue (15%)



- Cyan (0%)
- Magenta (58%)
- Yellow (79%)
- Black (26%)



- Cyan (26%)
- Magenta (69%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0310, -33.5393, 71.0098 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 107.0310, -33.5393, 71.0098 by changing the saturation by 10% instead.

■ 107.0310,
-33.5393, 71.0098

■ 107.0310,
-33.5393, 71.0098

255.0000, 0.0000,
0.0000

■ 80.0630, -32.0761,
68.3507

■ 161.5650,
-36.7605, 77.5575

■ 53.5340, -26.3923,
65.3067

■ 181.7590,
-34.3912, 64.2324

■ 29.3020, -14.4459,
60.2481

■ 201.1590,
-31.1374, 47.2186

■ 20.6310, -10.1711,
42.4196

■ 220.6730,
-27.4468, 30.1048

■ 12.9710, -5.9017,
26.3354

■ 240.7740,
-24.0456, 12.4762

■ 0.0000, 0.0000,
0.0000

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

107.0310,
-33.5393, 71.0098

107.0310,
-33.5393, 71.0098

96.6470, -37.7870,
80.1166

117.4150,
-29.2916, 61.9030

86.2630, -42.0347,
89.2233

127.7990,
-25.0439, 52.7963

85.5620, -42.1821,
89.8381

137.4820,
-20.9436, 44.3043

147.8660,
-16.6959, 35.1975

158.2500,
-12.4482, 26.0907

■ 168.6340, -8.2006,
16.9840

■ 178.4310, -3.6635,
8.3920

■ 188.7010, 0.1474,
-0.6148

■ 199.0850, 4.3951,
-9.7215

Harmonies

Analogous

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



104.6610, -8.7069, 86.2433



107.0310, -33.5393, 71.0098



106.2190, -52.3660, 42.7809

Triad

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



107.0310, -33.5393, 71.0098



88.5760, -0.7770, -77.6812



103.9980, 53.2450, -44.7252

Complementary

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



107.0310, -33.5393, 71.0098



119.9690, 33.5393, -71.0098

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.



97.6570, 56.8641, -85.6452



107.0310, -33.5393, 71.0098



95.7920, 21.7945, -84.0096

Square

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



107.0310, -33.5393, 71.0098



92.8690, -28.5294, -42.8581



99.8620, 42.4660, -87.5790



115.7210, 33.6615, 30.0627

Rectangle

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



107.0310, -33.5393, 71.0098



104.5920, -51.5639, 18.7748



99.8620, 42.4660, -87.5790



92.0150, 60.6316, -80.6972

Sweetspot

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



107.0310, -33.5393, 71.0098



213.0330, -13.3273, 28.0351



95.9770, 25.6473, 80.7042



102.7480, -7.7638, 16.8840



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



107.0310, -33.5393, 71.0098



118.6480, -52.5775, 110.8107



150.4690, -54.9542, 32.9147



88.8650, -1.9054, 4.5034



71.8960, -35.4447, 75.5132



13.9650, -6.8847, 14.9397

Inverse Universe

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



119.9690, 33.5393, -71.0098



138.3520, 52.5775, -110.8107



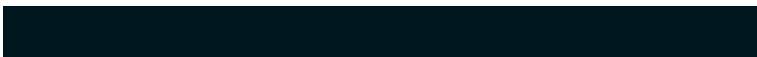
76.5310, 54.9542, -32.9147



90.1350, 1.9054, -4.5034



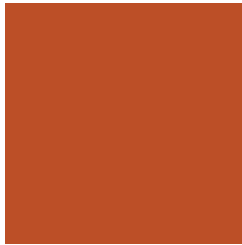
86.1040, 35.4447, -75.5132



16.4480, 7.1741, -14.4249

Previews

White Background



This preview shows how the YUV color 107.0310, -33.5393, 71.0098 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 107.0310, -33.5393, 71.0098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

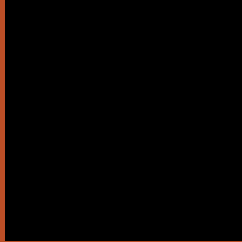
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0310, -33.5393, 71.0098

Background



This preview shows how black text looks on a background with the YUV color 107.0310, -33.5393, 71.0098.



This preview shows how white text looks on a background with the YUV color 107.0310, -33.5393,

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

107.0310, -33.5393, 71.0098

Protanopia

110.1780, -30.1608, 13.8759

Deuteranopia

109.5730, -39.2295, 29.3155



Tritanopia

109.8410, -15.2046, 70.2994

Trichromacy



Original Color

107.0310, -33.5393, 71.0098

Protanomaly

108.9680, -31.5362, 35.1081

Deuteranomaly

108.2420, -37.0943, 44.5148

Tritanomaly

108.4190, -21.8986, 70.6695

Monochromacy



Original Color

107.0310, -33.5393, 71.0098

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9510, -12.3008, 25.4760

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0310, -33.5393, 71.0098 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(188, 79, 39)` looks like.

```
.text, #text, p{  
    color:rgb(188, 79, 39)  
}
```

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(188, 79, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 79, 39) }
```

Border

The CSS property to change the border of an element to YUV 107.0310, -33.5393, 71.0098 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(188, 79, 39) }
```


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

```
.border{ border-color:rgb(188, 79, 39) }
```

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

Here you see how a box with a 4 pixel rgb(188, 79, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 79, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 79, 39);  
box-shadow:4px 4px 4px 4px rgb(188, 79,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 107.0310, -33.5393, 71.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 79, 39) }
```

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

```
.background{ background-color: rgb(188, 79,  
39) }
```

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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