

Converting Colors

YUV(108.8840, -30.5088,
79.0317)

Have a look what the booklet for
YUV(108.8840, -30.5088, 79.0317)
contains.

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Color

**YUV(108.8840, -30.5088,
79.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	C74B2F
RGB	199, 75, 47
RGB Percent	78%, 29%, 18%
CMY	0.2196, 0.7059, 0.8157
CMYK	0.00, 0.62, 0.76, 0.22
HSL	11°, 62%, 48%
HSV	11°, 76%, 78%
XYZ	26.5824, 17.3795, 4.6429
YIQ	108.8840, 82.8920, 17.5800

Conversions

Conversions Part 2

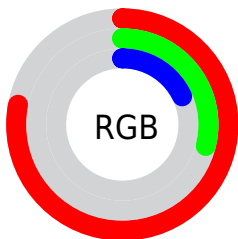
Format	Color
RYB	199, 81, 47
Decimal	13060911
CIELab	48.73, 47.95, 41.74
CIElCh	49, 63.573, 41.038
Yxy	17.3795, 0.5469, 0.3576
Android (android.graphics.Color)	4291250991 (0xFFC74B2F)
YUV	108.8840, -30.5088, 79.0317
Hunter-Lab	41.6887, 40.8633, 22.5790

Details

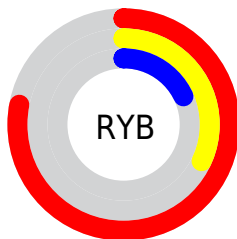
The YUV color **108.8840, -30.5088, 79.0317** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **137.1160, 30.5088, -79.0317**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7980, -33.4244, 80.8612**, and **50.0670, -24.6830, 77.1172** is the 20% darker color. If you saturate the color by 10%, you get **97.2120, -34.6145, 89.2681**, and if you desaturate by 10%, it is **120.5560, -26.4031, 68.7954**.

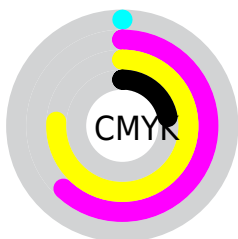
Distribution



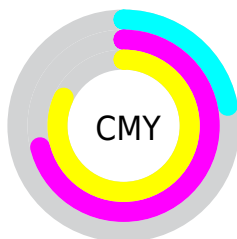
- Red (78%)
- Green (29%)
- Blue (18%)



- Red (78%)
- Yellow (32%)
- Blue (18%)



- Cyan (0%)
- Magenta (62%)
- Yellow (76%)
- Black (22%)



- Cyan (22%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8840, -30.5088, 79.0317 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 108.8840, -30.5088, 79.0317 by changing the saturation by 10% instead.

■ 108.8840,
-30.5088, 79.0317

■ 108.8840,
-30.5088, 79.0317

■ 255.0000, 0.0000,
0.0000

■ 81.1440, -28.1720,
76.1727

■ 162.7980,
-33.4244, 80.8612

■ 50.0670, -24.6830,
77.1172

■ 181.4970,
-30.3180, 64.4621

■ 32.2920, -15.9200,
66.3959

■ 200.8970,
-27.0642, 47.4483

■ 23.3220, -11.4977,
47.9526

■ 220.4110,
-23.3736, 30.3346

■ 15.7760, -6.7916,
31.7684

■ 240.5120,
-19.9724, 12.7060

■ 0.0000, 0.0000,
0.0000

■ 252.0360,

-11.3567, 2.5994

■ 108.8840,
-30.5088, 79.0317

■ 108.8840,
-30.5088, 79.0317

■ 97.2120, -34.6145,
89.2681

■ 120.5560,
-26.4031, 68.7954

■ 85.5400, -38.7202,
99.5044

■ 132.2280,
-22.2974, 58.5590

■ 81.2200, -40.0415,
103.2931

■ 144.4870,
-18.4811, 47.8079

■ 156.1590,
-14.3754, 37.5716

■ 167.8310,
-10.2697, 27.3352

■ 179.3890, -6.6008,
17.1988

■ 191.6480, -2.7845,
6.4477

■ 203.3200, 1.3212,
-3.7886

■ 214.9920, 5.4269,
-14.0250

Harmonies

Analogous

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



106.2470, -4.0658, 90.9914



108.8840, -30.5088, 79.0317



108.6330, -53.5561, 51.1879

Triad

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



108.8840, -30.5088, 79.0317



90.0120, -5.4289, -78.9405



93.4000, 63.3998, -81.9118

Complementary

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



108.8840, -30.5088, 79.0317



137.1160, 30.5088, -79.0317

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.



101.7490, 57.3117, -89.2339



108.8840, -30.5088, 79.0317



97.5700, 18.4530, -85.5689

Square

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



108.8840, -30.5088, 79.0317



97.8180, -37.8713, -33.1664



102.2100, 41.3085, -89.6382



118.4470, 39.2196, 20.6560

Rectangle

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



108.8840, -30.5088, 79.0317



108.1800, -53.3327, 26.1521



102.2100, 41.3085, -89.6382



97.1500, 62.5371, -85.2005

Sweetspot

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



108.8840, -30.5088, 79.0317



220.0980, -11.8803, 30.6091



106.5840, 31.7571, 81.0488



106.2860, -7.0430, 19.0432



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.



108.8840, -30.5088, 79.0317



116.0930, -47.3738, 121.8214



153.4960, -52.5025, 39.9070



93.2780, -1.6161, 5.0182



66.3470, -32.7091, 84.7647



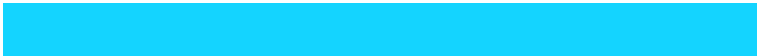
14.8730, -7.3324, 18.5284

Inverse Universe

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



137.1160, 30.5088, -79.0317



159.4940, 47.0845, -122.3362



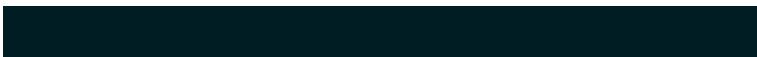
92.5040, 52.5025, -39.9070



95.7220, 1.6161, -5.0182



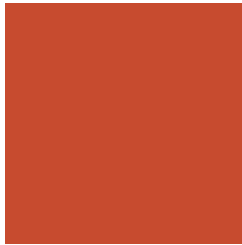
96.6530, 32.7091, -84.7647



21.1270, 7.3324, -18.5284

Previews

White Background



This preview shows how the YUV color 108.8840, -30.5088, 79.0317 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 108.8840, -30.5088, 79.0317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

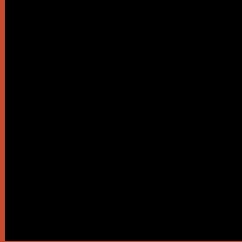
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.8840, -30.5088, 79.0317

Background



This preview shows how black text looks on a background with the YUV color 108.8840, -30.5088, 79.0317.



This preview shows how white text looks on a background with the YUV color 108.8840, -30.5088, 79.0317.

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

108.8840, -30.5088, 79.0317

Protanopia

113.9760, -27.1032, 13.1760

Deuteranopia

113.1430, -37.0455, 28.8156



Tritanopia

110.7280, -17.1209, 78.2915

Trichromacy



Original Color

108.8840, -30.5088, 79.0317

Protanomaly

112.1900, -28.1947, 36.6674

Deuteranomaly

111.5350, -34.7738, 46.8888

Tritanomaly

110.0610, -22.2151, 78.8765

Monochromacy



Original Color

108.8840, -30.5088, 79.0317

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2010, -11.4381, 28.7647

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8840, -30.5088, 79.0317 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, 75, 47)` looks like.

```
.text, #text, p{  
    color:rgb(199, 75, 47)  
}
```

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, 75, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 75, 47) }
```

Border

The CSS property to change the border of an element to YUV 108.8840, -30.5088, 79.0317 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, 75, 47) }
```


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

```
.border{ border-color:rgb(199, 75, 47) }
```

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

Here you see how a box with a 4 pixel rgb(199, 75, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 75, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 75, 47);  
box-shadow:4px 4px 4px 4px rgb(199, 75,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 108.8840, -30.5088, 79.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 75, 47) }
```

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

```
.background{ background-color: rgb(199, 75,  
47) }
```

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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