

Converting Colors

YUV(102.1020, -31.1093,
84.9795)

Have a look what the booklet for
YUV(102.1020, -31.1093, 84.9795)
contains.

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Color

**YUV(102.1020, -31.1093,
84.9795)**

Conversions

Conversions Part 1

Format	Color
Hex	C74127
RGB	199, 65, 39
RGB Percent	78%, 25%, 15%
CMY	0.2196, 0.7451, 0.8471
CMYK	0.00, 0.67, 0.80, 0.22
HSL	10°, 67%, 47%
HSV	10°, 80%, 78%
XYZ	25.8097, 16.0692, 3.6608
YIQ	102.1020, 88.2100, 20.3220

Conversions

Conversions Part 2

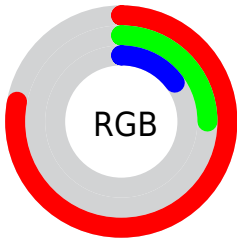
Format	Color
R_{YB}	199, 70, 39
Decimal	13058343
CIE _{Lab}	47.07, 51.95, 44.18
CIE _{LCh}	47, 68.196, 40.381
Yxy	16.0692, 0.5668, 0.3529
Android (android.graphics.Color)	4291248423 (0xFFC74127)
YUV	102.1020, -31.1093, 84.9795
Hunter-Lab	40.0864, 44.7763, 22.6460

Details

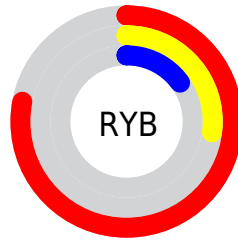
The YUV color **102.1020, -31.1093, 84.9795** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **135.8980, 31.1093, -84.9795**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4890, -34.7511, 86.3941**, and **40.9630, -20.1948, 84.2244** is the 20% darker color. If you saturate the color by 10%, you get **89.8430, -34.9256, 95.7307**, and if you desaturate by 10%, it is **114.3610, -27.2930, 74.2284**.

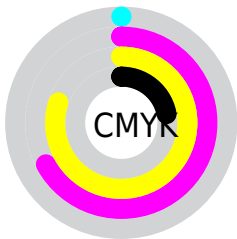
Distribution



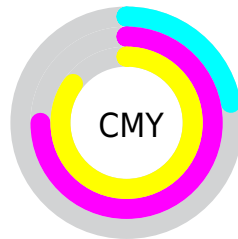
- Red (78%)
- Green (25%)
- Blue (15%)



- Red (78%)
- Yellow (27%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.1020, -31.1093, 84.9795 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 102.1020, -31.1093, 84.9795 by changing the saturation by 10% instead.

■ 102.1020,
-31.1093, 84.9795

■ 102.1020,
-31.1093, 84.9795

255.0000, 0.0000,
0.0000

■ 73.1880, -28.1937,
83.1501

■ 156.4890,
-34.7511, 86.3941

■ 40.9630, -20.1948,
84.2244

■ 175.1880,
-31.6447, 69.9951

■ 31.9930, -15.7725,
65.7811

■ 194.5880,
-28.3909, 52.9813

■ 23.0230, -11.3503,
47.3378

■ 214.6890,
-24.9897, 35.3527

■ 14.8790, -6.3493,
29.9241

■ 234.7900,
-21.5885, 17.7242

■ 0.0000, 0.0000,
0.0000

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

102.1020,
-31.1093, 84.9795

102.1020,
-31.1093, 84.9795

89.8430, -34.9256,
95.7307

114.3610,
-27.2930, 74.2284

78.2850, -38.5945,
105.8671

126.0330,
-23.1873, 63.9921

138.2920,
-19.3710, 53.2409

150.5510,
-15.5546, 42.4898

162.2230,
-11.4489, 32.2534

■ 174.3680, -8.0694,
21.6023

■ 186.6270, -4.2531,
10.8511

■ 198.2990, -0.1474,
0.6148

■ 210.5580, 3.6689,
-10.1364

Harmonies

Analogous

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



96.1110, -1.0407, 100.7577



102.1020, -31.1093, 84.9795



105.1000, -51.8143, 52.5323

Triad

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



102.1020, -31.1093, 84.9795



86.6380, -8.2025, -75.9815



91.5080, 66.3046, -80.2525

Complementary

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



102.1020, -31.1093, 84.9795



135.8980, 31.1093, -84.9795

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.



100.2160, 59.0535, -87.8894



102.1020, -31.1093, 84.9795



95.3530, 17.5740, -83.6246

Square

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



102.1020, -31.1093, 84.9795



89.7870, -44.2650, -35.7702



100.3350, 41.7398, -87.9938



114.2450, 42.2772, 19.9561

Rectangle

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



102.1020, -31.1093, 84.9795



104.9350, -51.7330, 26.3670



100.3350, 41.7398, -87.9938



95.8450, 65.1524, -84.0561

Sweetspot

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



102.1020, -31.1093, 84.9795



218.1090, -11.8857, 32.3534



102.3440, 35.8194, 84.7673



105.5850, -7.1904, 19.6580



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.



102.1020, -31.1093, 84.9795



106.7350, -47.6904, 130.0284



147.8880, -53.6818, 44.8252



93.2780, -1.6161, 5.0182



64.5860, -31.8409, 86.3091



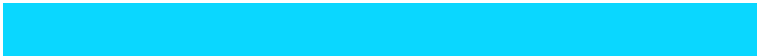
14.2860, -7.0430, 19.0432

Inverse Universe

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



135.8980, 31.1093, -84.9795



158.2650, 47.6904, -130.0284



90.1120, 53.6818, -44.8252



95.7220, 1.6161, -5.0182



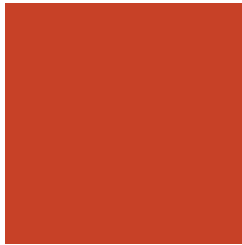
99.0010, 31.5515, -86.8239



21.7140, 7.0430, -19.0432

Previews

White Background



This preview shows how the YUV color 102.1020, -31.1093, 84.9795 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 102.1020, -31.1093, 84.9795 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 102.1020, -31.1093, 84.9795

Background



This preview shows how black text looks on a background with the YUV color 102.1020, -31.1093, 84.9795.



This preview shows how white text looks on a background with the YUV color 102.1020, -31.1093,

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

102.1020, -31.1093, 84.9795

Protanopia

109.0470, -28.1242, 13.9908

Deuteranopia

108.0460, -39.9557, 28.9007



Tritanopia

103.6040, -19.0318, 84.5393

Trichromacy



Original Color

102.1020, -31.1093, 84.9795

Protanomaly

106.5710, -29.3685, 39.8412

Deuteranomaly

105.9760, -36.9632, 49.1330

Tritanomaly

103.1650, -23.2523, 84.9243

Monochromacy



Original Color

102.1020, -31.1093, 84.9795

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.2120, -11.4435, 30.5091

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.1020, -31.1093, 84.9795 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, 65, 39)` looks like.

```
.text, #text, p{  
    color:rgb(199, 65, 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(199, 65, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 65, 39) }
```

Border

The CSS property to change the border of an element to YUV 102.1020, -31.1093, 84.9795 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, 65, 39) }
```


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

```
.border{ border-color:rgb(199, 65, 39) }
```

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

Here you see how a box with a 4 pixel rgb(199, 65, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 65, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 65, 39);  
box-shadow:4px 4px 4px 4px rgb(199, 65,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 102.1020, -31.1093, 84.9795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 65, 39) }
```

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

```
.background{ background-color: rgb(199, 65,  
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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