

Converting Colors

YUV(99.3080, -10.0118,
84.7989)

Have a look what the booklet for
YUV(99.3080, -10.0118, 84.7989)
contains.

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Color

**YUV(99.3080, -10.0118,
84.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	C4364F
RGB	196, 54, 79
RGB Percent	77%, 21%, 31%
CMY	0.2314, 0.7882, 0.6902
CMYK	0.00, 0.72, 0.60, 0.23
HSL	349°, 57%, 49%
HSV	349°, 72%, 77%
XYZ	25.4954, 14.9386, 8.9368
YIQ	99.3080, 76.6070, 37.8790

Conversions

Conversions Part 2

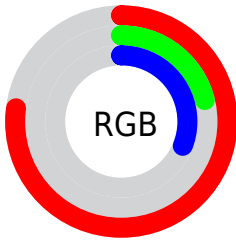
Format	Color
R_{YB}	196, 54, 79
Decimal	12858959
CIE _{Lab}	45.55, 57.16, 19.20
CIE _{LCh}	46, 60.299, 18.571
Yxy	14.9386, 0.5164, 0.3026
Android (android.graphics.Color)	4291049039 (0xFFC4364F)
YUV	99.3080, -10.0118, 84.7989
Hunter-Lab	38.6505, 50.1073, 13.3462

Details

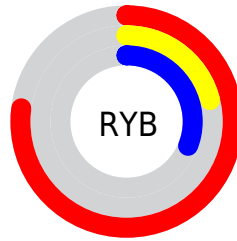
The YUV color **99.3080, -10.0118, 84.7989** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **150.6920, 10.0118, -84.7989**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9940, -13.8010, 86.8283**, and **44.6540, -4.7594, 80.1104** is the 20% darker color. If you saturate the color by 10%, you get **85.7440, -11.2128, 96.6945**, and if you desaturate by 10%, it is **112.8720, -8.8109, 72.9033**.

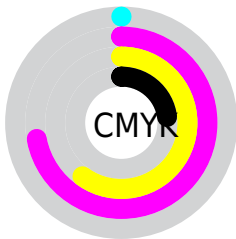
Distribution



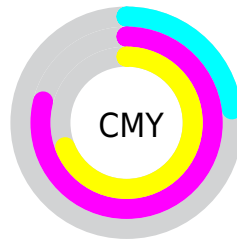
- Red (77%)
- Green (21%)
- Blue (31%)



- Red (77%)
- Yellow (21%)
- Blue (31%)



- Cyan (0%)
- Magenta (72%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3080, -10.0118, 84.7989 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 99.3080, -10.0118, 84.7989 by changing the saturation by 10% instead.

■ 99.3080, -10.0118,
84.7989

■ 99.3080, -10.0118,
84.7989

255.0000, 0.0000,
0.0000

■ 66.5840, -5.2179,
87.1878

■ 155.9940,
-13.8010, 86.8283

■ 44.6540, -4.7594,
80.1104

■ 175.3940,
-10.5472, 69.8145

■ 33.2900, -9.5100,
63.7667

■ 194.9080, -6.8566,
52.7007

■ 23.1370, -10.9135,
47.2379

■ 215.0090, -3.4554,
35.0721

■ 14.8790, -6.3493,
29.9241

■ 235.2240, 0.3826,
17.3436

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 99.3080, -10.0118,
84.7989

■ 99.3080, -10.0118,
84.7989

■ 85.7440, -11.2128,
96.6945

■ 112.8720, -8.8109,
72.9033

■ 72.7670, -12.7031,
108.0753

■ 125.8490, -7.3206,
61.5224

■ 62.5940, -13.6038,
116.9971

■ 139.4130, -6.1196,
49.6268

■ 152.5040, -4.1925,
38.1460

■ 166.0680, -2.9915,
26.2504

■ 179.6320, -1.7906,
14.3547

■ 192.6090, -0.3002,
2.9739

■ 206.1730, 0.9007,
-8.9217

■ 219.1500, 2.3911,
-20.3025

Harmonies

Analogous

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



102.9040, 12.8653, 73.7522



99.3080, -10.0118, 84.7989



102.0800, -34.5494, 68.3358

Triad

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



99.3080, -10.0118, 84.7989



86.5200, -25.8924, -48.6910



93.4510, 55.9797, -81.9565

Complementary

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



99.3080, -10.0118, 84.7989



150.6920, 10.0118, -84.7989

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.



95.9980, 42.8920, -84.1902



99.3080, -10.0118, 84.7989



85.5270, 0.2332, -75.0072

Square

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



99.3080, -10.0118, 84.7989



97.7040, -48.1681, 2.8906



92.1560, 23.0941, -80.8208



101.0590, 50.7499, -37.7627

Rectangle

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



99.3080, -10.0118, 84.7989



101.5450, -50.0617, 50.3880



92.1560, 23.0941, -80.8208



95.2290, 52.6381, -83.5158

Sweetspot

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



99.3080, -10.0118, 84.7989



216.8840, -3.8868, 33.4277



104.8720, 44.9261, 57.1173



104.8500, -2.3910, 20.3026



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.



99.3080, -10.0118, 84.7989



103.8240, -15.6892, 132.5814



122.8730, -33.9544, 64.1324



90.2180, -0.6005, 5.9478



51.3310, -11.5022, 96.1797



10.5510, -2.2436, 19.6878

Inverse Universe

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



99.3080, -10.0118, 84.7989



103.8240, -15.6892, 132.5814



127.1270, 33.9544, -64.1324



90.2180, -0.6005, 5.9478



51.3310, -11.5022, 96.1797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 99.3080, -10.0118, 84.7989 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 99.3080, -10.0118, 84.7989 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 99.3080, -10.0118, 84.7989

Background



This preview shows how black text looks on a background with the YUV color 99.3080, -10.0118, 84.7989.



This preview shows how white text looks on a background with the YUV color 99.3080, -10.0118,

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

99.3080, -10.0118, 84.7989

Protanopia

108.7400, -2.3368, 2.8590

Deuteranopia

108.1260, -17.8101, 19.1835



Tritanopia

99.1910, -19.3212, 84.0245

Trichromacy



Original Color

99.3080, -10.0118, 84.7989

Protanomaly

105.2430, -5.0498, 33.1129

Deuteranomaly

105.0780, -14.8285, 42.9046

Tritanomaly

99.4020, -15.9742, 83.8394

Monochromacy



Original Color

99.3080, -10.0118, 84.7989

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2750, -3.5866, 30.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3080, -10.0118, 84.7989 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(196, 54, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 54, 79)  
}
```

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(196, 54, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 54, 79) }
```

Border

The CSS property to change the border of an element to YUV 99.3080, -10.0118, 84.7989 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(196, 54, 79) }
```


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

```
.border{ border-color:rgb(196, 54, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 54, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 54, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 54, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 54,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 99.3080, -10.0118, 84.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 54, 79) }
```

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

```
.background{ background-color: rgb(196, 54,  
79) }
```

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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