

Converting Colors

YUV(100.7810, -10.7380,
84.3841)

Have a look what the booklet for
YUV(100.7810, -10.7380, 84.3841)
contains.

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Color

**YUV(100.7810, -10.7380,
84.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	C5384F
RGB	197, 56, 79
RGB Percent	77%, 22%, 31%
CMY	0.2275, 0.7804, 0.6902
CMYK	0.00, 0.72, 0.60, 0.23
HSL	350°, 56%, 50%
HSV	350°, 72%, 77%
XYZ	25.8514, 15.2632, 8.9807
YIQ	100.7810, 76.6530, 37.0450

Conversions

Conversions Part 2

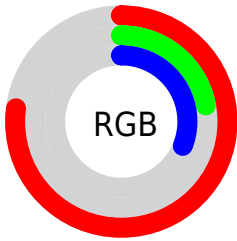
Format	Color
R_{YB}	197, 56, 79
Decimal	12925007
CIE Lab	45.99, 56.75, 19.82
CIE LCh	46, 60.109, 19.257
Yxy	15.2632, 0.5160, 0.3047
Android (android.graphics.Color)	4291115087 (0xFFC5384F)
YUV	100.7810, -10.7380, 84.3841
Hunter-Lab	39.0681, 49.7444, 13.7185

Details

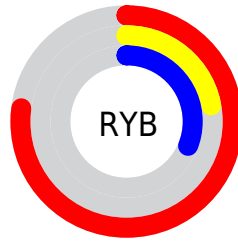
The YUV color **100.7810, -10.7380, 84.3841** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **152.2190, 10.7380, -84.3841**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1680, -14.3798, 85.7987**, and **44.9530, -4.9068, 80.7252** is the 20% darker color. If you saturate the color by 10%, you get **87.2170, -11.9390, 96.2797**, and if you desaturate by 10%, it is **114.3450, -9.5371, 72.4884**.

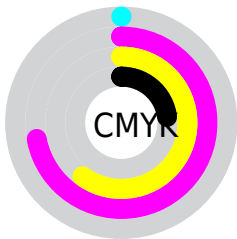
Distribution



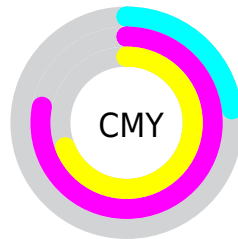
- Red (77%)
- Green (22%)
- Blue (31%)



- Red (77%)
- Yellow (22%)
- Blue (31%)



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



- Cyan (23%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7810, -10.7380, 84.3841 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 100.7810, -10.7380, 84.3841 by changing the saturation by 10% instead.

■ 100.7810,
-10.7380, 84.3841

■ 100.7810,
-10.7380, 84.3841

■ 255.0000, 0.0000,
0.0000

■ 68.6440, -6.2335,
86.2582

■ 157.1680,
-14.3798, 85.7987

■ 44.9530, -4.9068,
80.7252

■ 176.5680,
-11.1260, 68.7849

■ 33.5890, -9.6574,
64.3814

■ 196.0820, -7.4354,
51.6711

■ 23.3220, -11.4977,
47.9526

■ 215.5960, -3.7448,
34.5573

■ 15.1780, -6.4968,
30.5389

■ 235.8110, 0.0932,
16.8288

■ 0.0000, 0.0000,
0.0000

■ 100.7810,
-10.7380, 84.3841

■ 100.7810,
-10.7380, 84.3841

■ 87.2170, -11.9390,
96.2797

■ 114.3450, -9.5371,
72.4884

■ 74.1260, -13.8661,
107.7605

■ 127.4360, -7.6099,
61.0076

■ 62.5510, -15.0616,
117.9118

■ 141.0000, -6.4090,
49.1120

■ 154.6780, -4.7713,
37.1164

■ 168.2420, -3.5703,
25.2208

■ 181.3330, -1.6432,
13.7400

■ 194.8970, -0.4422,
1.8443

■ 208.5750, 1.1955,

-10.1513

■ 221.5520, 2.6859,
-21.5321

Harmonies

Analogous

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



104.0890, 12.2811, 74.4669



100.7810, -10.7380, 84.3841



103.2540, -35.1282, 67.3062

Triad

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



100.7810, -10.7380, 84.3841



87.0360, -25.1607, -50.0206



94.1520, 56.1271, -82.5713

Complementary

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



100.7810, -10.7380, 84.3841



152.2190, 10.7380, -84.3841

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.



96.8130, 43.4762, -84.9050



100.7810, -10.7380, 84.3841



86.3420, 0.8174, -75.7219

Square

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



100.7810, -10.7380, 84.3841



98.2910, -48.4575, 2.3758



93.5580, 23.3889, -82.0504



102.9670, 50.3023, -34.1741

Rectangle

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



100.7810, -10.7380, 84.3841



102.1320, -50.3511, 49.8732



93.5580, 23.3889, -82.0504



95.9300, 52.7855, -84.1306

Sweetspot

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



100.7810, -10.7380, 84.3841



218.1720, -4.0288, 32.2982



107.3560, 44.1945, 58.4468



106.1380, -2.5330, 19.1730



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.



100.7810, -10.7380, 84.3841



105.4710, -16.9942, 131.1369



125.7480, -34.3858, 62.4880



92.8050, -0.8899, 5.4330



51.8150, -12.2338, 97.5092



11.4480, -2.6859, 21.5321

Inverse Universe

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



100.7810, -10.7380, 84.3841



105.4710, -16.9942, 131.1369



127.2520, 34.3858, -62.4880



92.8050, -0.8899, 5.4330



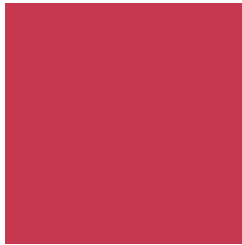
51.8150, -12.2338, 97.5092



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 100.7810, -10.7380, 84.3841 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 100.7810, -10.7380, 84.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

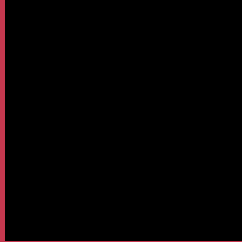
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7810, -10.7380, 84.3841

Background



This preview shows how black text looks on a background with the YUV color 100.7810, -10.7380, 84.3841.



This preview shows how white text looks on a background with the YUV color 100.7810, -10.7380, 84.3841.

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

100.7810, -10.7380, 84.3841

Protanopia

109.5120, -3.2104, 3.0590

Deuteranopia

109.3110, -18.3943, 19.8983



Tritanopia

100.3050, -18.8844, 83.9245

Trichromacy



Original Color

100.7810, -10.7380, 84.3841

Protanomaly

106.6020, -6.2128, 32.7980

Deuteranomaly

106.2630, -15.4127, 43.6193

Tritanomaly

100.4020, -15.9742, 83.8394

Monochromacy



Original Color

100.7810, -10.7380, 84.3841

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1610, -4.0234, 30.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7810, -10.7380, 84.3841 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(197, 56, 79)` looks like.

```
.text, #text, p{  
    color:rgb(197, 56, 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(197, 56, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 56, 79) }
```

Border

The CSS property to change the border of an element to YUV 100.7810, -10.7380, 84.3841 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(197, 56, 79) }
```


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

```
.border{ border-color:rgb(197, 56, 79) }
```

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

Here you see how a box with a 4 pixel rgb(197, 56, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 56, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 56, 79);  
box-shadow:4px 4px 4px 4px rgb(197, 56,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 100.7810, -10.7380, 84.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 56, 79) }
```

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

```
.background{ background-color: rgb(197, 56,  
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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