

Converting Colors

YUV(111.4210, -8.0956,
76.8068)

Have a look what the booklet for
YUV(111.4210, -8.0956, 76.8068)
contains.

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Color

**YUV(111.4210, -8.0956,
76.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	C7465F
RGB	199, 70, 95
RGB Percent	78%, 27%, 37%
CMY	0.2196, 0.7255, 0.6275
CMYK	0.00, 0.65, 0.52, 0.22
HSL	348°, 54%, 53%
HSV	348°, 65%, 78%
XYZ	27.8089, 17.3487, 12.7094
YIQ	111.4210, 68.8590, 35.1230

Conversions

Conversions Part 2

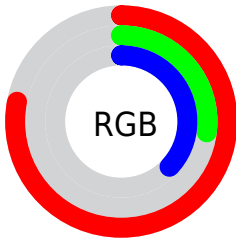
Format	Color
RYB	199, 70, 95
Decimal	13059679
CIELab	48.70, 53.07, 13.80
CIELCh	49, 54.836, 14.579
Yxy	17.3487, 0.4806, 0.2998
Android (android.graphics.Color)	4291249759 (0xFFC7465F)
YUV	111.4210, -8.0956, 76.8068
Hunter-Lab	41.6517, 46.2856, 11.0647

Details

The YUV color **111.4210, -8.0956, 76.8068** 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 **157.5790, 8.0956, -76.8068**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1500, -10.4270, 77.9214**, and **47.4460, 0.7661, 81.1699** is the 20% darker color. If you saturate the color by 10%, you get **97.8570, -9.2965, 88.7024**, and if you desaturate by 10%, it is **124.9850, -6.8946, 64.9112**.

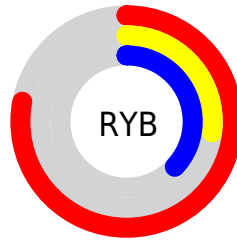
Distribution



Red (78%)

Green (27%)

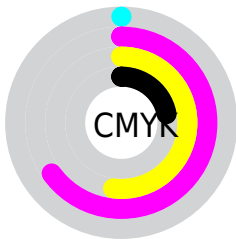
Blue (37%)



Red (78%)

Yellow (27%)

Blue (37%)

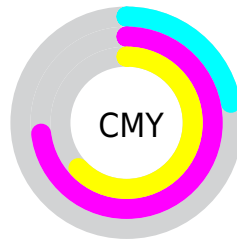


Cyan (0%)

Magenta (65%)

Yellow (52%)

Black (22%)



Cyan (22%)

Magenta (73%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4210, -8.0956, 76.8068 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 111.4210, -8.0956, 76.8068 by changing the saturation by 10% instead.

■ 111.4210, -8.0956,
76.8068

■ 111.4210, -8.0956,
76.8068

255.0000, 0.0000,
0.0000

■ 82.6920, -5.7642,
75.6921

■ 166.1500,
-10.4270, 77.9214

■ 47.4460, 0.7661,
81.1699

■ 185.6640, -6.7364,
60.8077

■ 36.1960, -3.5476,
64.7261

■ 205.1780, -3.0458,
43.6939

■ 24.7460, -11.2138,
50.2118

■ 224.8060, 1.0816,
26.4801

■ 16.9720, -7.3812,
34.2276

■ 245.0210, 4.9196,
8.7516

■ 3.2890, -1.6215,
6.7625

■ 0.0000, 0.0000,

0.0000

■ 111.4210, -8.0956,
76.8068

■ 111.4210, -8.0956,
76.8068

■ 97.8570, -9.2965,
88.7024

■ 124.9850, -6.8946,
64.9112

■ 84.2930, -10.4974,
100.5980

■ 138.5490, -5.6937,
53.0155

■ 70.7290, -11.6984,
112.4937

■ 152.1130, -4.4927,
41.1199

■ 63.9470, -12.2989,
118.4415

■ 165.6770, -3.2918,
29.2243

■ 179.2410, -2.0908,
17.3286

■ 192.2180, -0.6005,
5.9478

■ 205.7820, 0.6005,
-5.9478

■ 219.3460, 1.8014,
-17.8434

■ 232.9100, 3.0024,
-29.7391

Harmonies

Analogous

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



115.5390, 13.0453, 62.6713



111.4210, -8.0956, 76.8068



111.7360, -29.4498, 66.0065

Triad

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



111.4210, -8.0956, 76.8068



100.7500, -27.9778, -33.1067



98.5060, 52.5015, -86.3898

Complementary

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



111.4210, -8.0956, 76.8068



157.5790, 8.0956, -76.8068

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.



99.7650, 39.5559, -87.4939



111.4210, -8.0956, 76.8068



89.9780, -0.4822, -78.9107

Square

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



111.4210, -8.0956, 76.8068



105.8790, -50.2263, 9.7531



96.1510, 20.6316, -84.3244



108.3530, 48.1400, -40.6516

Rectangle

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



111.4210, -8.0956, 76.8068



111.0210, -41.9154, 50.8476



96.1510, 20.6316, -84.3244



99.5830, 49.0126, -87.3343

Sweetspot

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



111.4210, -8.0956, 76.8068



222.3780, -3.1444, 28.6095



115.5030, 41.1640, 50.4249



107.6540, -1.8014, 17.8434



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.



111.4210, -8.0956, 76.8068



119.9470, -12.2989, 118.4415



131.4640, -30.3018, 59.2291



92.8050, -0.8899, 5.4330



52.3850, -10.0498, 97.0094



11.5620, -2.2491, 21.4321

Inverse Universe

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



111.4210, -8.0956, 76.8068



119.9470, -12.2989, 118.4415



137.5360, 30.3018, -59.2291



92.8050, -0.8899, 5.4330



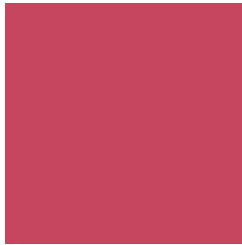
52.3850, -10.0498, 97.0094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 111.4210, -8.0956, 76.8068 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 111.4210, -8.0956, 76.8068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

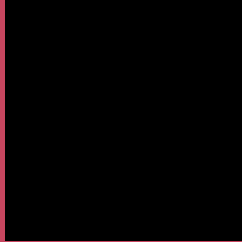
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.4210, -8.0956, 76.8068

Background



This preview shows how black text looks on a background with the YUV color 111.4210, -8.0956, 76.8068.



This preview shows how white text looks on a background with the YUV color 111.4210, -8.0956,

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

111.4210, -8.0956, 76.8068

Protanopia

116.8260, 0.5788, 1.0296

Deuteranopia

116.8530, -13.7315, 17.6689



Tritanopia

110.9450, -16.2419, 76.3472

Trichromacy



Original Color

111.4210, -8.0956, 76.8068

Protanomaly

114.6060, -2.2708, 28.4095

Deuteranomaly

115.1530, -11.9074, 39.3308

Tritanomaly

111.0420, -13.3317, 76.2622

Monochromacy



Original Color

111.4210, -8.0956, 76.8068

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0790, -2.9969, 27.9947

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4210, -8.0956, 76.8068 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, 70, 95)` looks like.

```
.text, #text, p{  
    color:rgb(199, 70, 95)  
}
```

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, 70, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 70, 95) }
```

Border

The CSS property to change the border of an element to YUV 111.4210, -8.0956, 76.8068 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, 70, 95) }
```


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

```
.border{ border-color:rgb(199, 70, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 70, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 70, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 70, 95);  
box-shadow:4px 4px 4px 4px rgb(199, 70,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 111.4210, -8.0956, 76.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 70, 95) }
```

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

```
.background{ background-color: rgb(199, 70,  
95) }
```

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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