

Converting Colors

YUV(110.7180, -1.8330,
74.7923)

Have a look what the booklet for
YUV(110.7180, -1.8330, 74.7923)
contains.

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Color

**YUV(110.7180, -1.8330,
74.7923)**

Conversions

Conversions Part 1

Format	Color
Hex	C4446B
RGB	196, 68, 107
RGB Percent	77%, 27%, 42%
CMY	0.2314, 0.7333, 0.5804
CMYK	0.00, 0.65, 0.45, 0.23
HSL	342°, 52%, 52%
HSV	342°, 65%, 77%
XYZ	27.4859, 16.9315, 15.7294
YIQ	110.7180, 63.7690, 39.2650

Conversions

Conversions Part 2

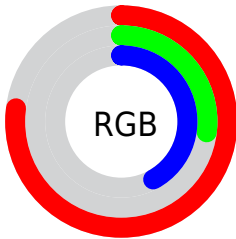
Format	Color
R_{YB}	196, 68, 107
Decimal	12862571
CIE _{Lab}	48.17, 54.03, 5.70
CIE _{LCh}	48, 54.333, 6.025
Yxy	16.9315, 0.4570, 0.2815
Android (android.graphics.Color)	4291052651 (0xFFC4446B)
YUV	110.7180, -1.8330, 74.7923
Hunter-Lab	41.1480, 47.2251, 6.1392

Details

The YUV color **110.7180, -1.8330, 74.7923** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **153.2820, 1.8330, -74.7923**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4580, -4.1698, 77.6513**, and **47.8030, 6.0131, 78.2258** is the 20% darker color. If you saturate the color by 10%, you get **97.3820, -2.1603, 86.4880**, and if you desaturate by 10%, it is **124.0540, -1.5056, 63.0966**.

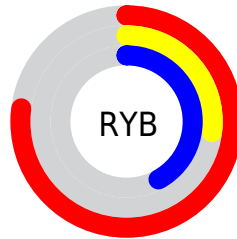
Distribution



Red (77%)

Green (27%)

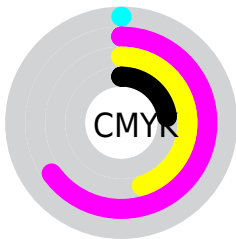
Blue (42%)



Red (77%)

Yellow (27%)

Blue (42%)

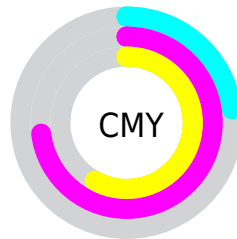


Cyan (0%)

Magenta (65%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.7180, -1.8330, 74.7923 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 110.7180, -1.8330, 74.7923 by changing the saturation by 10% instead.

■ 110.7180, -1.8330,
74.7923

■ 110.7180, -1.8330,
74.7923

255.0000, 0.0000,
0.0000

■ 81.4020, 0.7878,
74.1924

■ 166.4580, -4.1698,
77.6513

■ 47.8030, 6.0131,
78.2258

■ 185.9720, -0.4792,
60.5376

■ 37.0370, 0.9678,
63.1116

■ 205.6000, 3.6482,
43.3238

■ 25.9720, -3.9302,
47.3826

■ 225.8150, 7.4862,
25.5952

■ 16.6730, -7.2338,
33.6128

■ 244.4340, 5.2090,
9.2664

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,

0.0000

■ 110.7180, -1.8330,
74.7923

■ 110.7180, -1.8330,
74.7923

■ 97.3820, -2.1603,
86.4880

■ 124.0540, -1.5056,
63.0966

■ 84.7470, -2.3403,
97.5689

■ 136.6890, -1.3257,
52.0157

■ 71.4110, -2.6676,
109.2646

■ 150.0250, -0.9983,
40.3201

■ 65.4440, -2.6839,
114.4976

■ 162.7740, -0.3816,
29.1392

■ 175.9960, -0.4910,
17.5435

■ 189.3320, -0.1637,
5.8478

■ 201.9670, 0.0163,
-5.2331

■ 215.3030, 0.3436,
-16.9287

■ 228.0520, 0.9604,
-28.1096

Harmonies

Analogous

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



115.2650, 18.6034, 53.2646



110.7180, -1.8330, 74.7923



110.6640, -23.4984, 70.4547

Triad

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



110.7180, -1.8330, 74.7923



102.1170, -34.5677, -19.3966



98.2950, 49.1546, -86.2047

Complementary

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



110.7180, -1.8330, 74.7923



153.2820, 1.8330, -74.7923

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.



98.2830, 33.8775, -86.1942



110.7180, -1.8330, 74.7923



86.6210, -5.7292, -75.9666

Square

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



110.7180, -1.8330, 74.7923



105.7770, -52.1481, 19.4896



93.8540, 14.3690, -82.3100



92.1630, 56.1216, -80.8270

Rectangle

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



110.7180, -1.8330, 74.7923



110.8460, -36.4061, 57.1401



93.8540, 14.3690, -82.3100



99.1440, 44.7920, -86.9493

Sweetspot

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



110.7180, -1.8330, 74.7923



221.0730, -0.5290, 29.7540



108.6050, 43.0857, 40.6884



107.2950, -0.6384, 18.1583



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.



110.7180, -1.8330, 74.7923



122.4550, -2.6893, 116.2420



119.7730, -25.5241, 66.8511



90.3320, -0.1637, 5.8478



53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879

Inverse Universe

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



110.7180, -1.8330, 74.7923



122.4550, -2.6893, 116.2420



144.2270, 25.5241, -66.8511



90.3320, -0.1637, 5.8478



53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 110.7180, -1.8330, 74.7923 looks on a white background.

Color Contrast Check

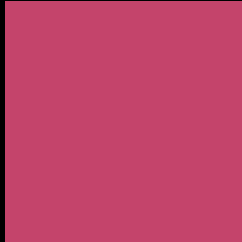
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.7180, -1.8330, 74.7923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

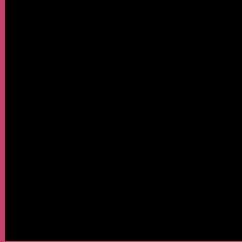
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.7180, -1.8330, 74.7923

Background



This preview shows how black text looks on a background with the YUV color 110.7180, -1.8330, 74.7923.

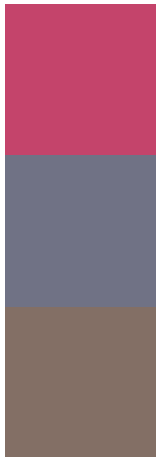


This preview shows how white text looks on a background with the YUV color 110.7180, -1.8330,

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

110.7180, -1.8330, 74.7923

Protanopia

115.5680, 8.5940, -3.1291

Deuteranopia

115.8400, -7.3161, 13.2953



Tritanopia

110.3360, -15.9416, 73.3733

Trichromacy



Original Color

110.7180, -1.8330, 74.7923

Protanomaly

113.8320, 5.0128, 25.5803

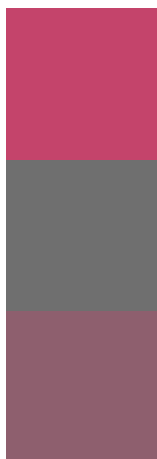
Deuteranomaly

113.8520, -5.3500, 36.0868

Tritanomaly

110.7150, -10.7055, 73.9179

Monochromacy



Original Color

110.7180, -1.8330, 74.7923

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7630, -0.3762, 27.3948

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7180, -1.8330, 74.7923 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, 68, 107)` looks like.

```
.text, #text, p{  
    color:rgb(196, 68, 107)  
}
```

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, 68, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 68, 107) }
```

Border

The CSS property to change the border of an element to YUV 110.7180, -1.8330, 74.7923 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, 68, 107) }
```


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

```
.border{ border-color:rgb(196, 68, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 68, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 68, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 68, 107);  
box-shadow:4px 4px 4px 4px rgb(196, 68,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 110.7180, -1.8330, 74.7923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 68, 107) }
```

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

```
.background{ background-color: rgb(196, 68,  
107) }
```

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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