

Converting Colors

YUV(87.3470, 11.1679,
104.9357)

Have a look what the booklet for
YUV(87.3470, 11.1679, 104.9357)
contains.

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Color

**YUV(87.3470, 11.1679,
104.9357)**

Conversions

Conversions Part 1

Format	Color
Hex	CF166E
RGB	207, 22, 110
RGB Percent	81%, 9%, 43%
CMY	0.1882, 0.9137, 0.5686
CMYK	0.00, 0.89, 0.47, 0.19
HSL	331°, 81%, 45%
HSV	331°, 89%, 81%
XYZ	28.8335, 14.9650, 16.1207
YIQ	87.3470, 82.0120, 66.5880

Conversions

Conversions Part 2

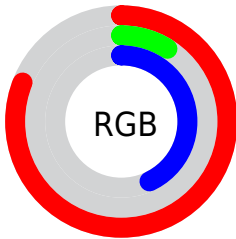
Format	Color
R_{YB}	207, 22, 110
Decimal	13571694
CIE _{Lab}	45.59, 70.50, 0.38
CIE _{LCh}	46, 70.505, 0.308
Yxy	14.9650, 0.4812, 0.2498
Android (android.graphics.Color)	4291761774 (0xFFCF166E)
YUV	87.3470, 11.1679, 104.9357
Hunter-Lab	38.6846, 65.3465, 2.3719

Details

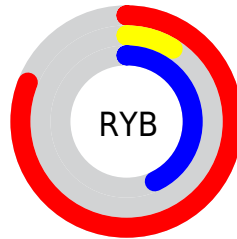
The YUV color **87.3470, 11.1679, 104.9357** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **141.6530, -11.1679, -104.9357**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3640, 5.2435, 91.7658**, and **50.8360, 5.9969, 83.4588** is the 20% darker color. If you saturate the color by 10%, you get **73.7660, 12.4404, 116.8462**, and if you desaturate by 10%, it is **100.9280, 9.8955, 93.0251**.

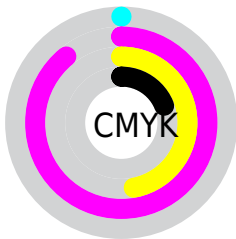
Distribution



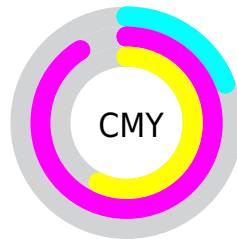
- Red (81%)
- Green (9%)
- Blue (43%)



- Red (81%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (89%)
- Yellow (47%)
- Black (19%)



- Cyan (19%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3470, 11.1679, 104.9357 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 87.3470, 11.1679, 104.9357 by changing the saturation by 10% instead.

87.3470, 11.1679,
104.9357

87.3470, 11.1679,
104.9357

255.0000, 0.0000,
0.0000

62.4280, 11.6210,
99.6026

150.3640, 5.2435,
91.7658

50.8360, 5.9969,
83.4588

170.4650, 8.6448,
74.1372

39.3580, 0.8095,
67.2150

191.2670, 12.1934,
55.8938

28.4070, -3.6517,
51.3861

211.4820, 16.0314,
38.1653

17.8690, -7.8234,
36.0719

230.3460, 12.1544,
21.6216

5.6810, -2.8007,
11.6808

247.9560, 3.4727,

0.0000, 0.0000,

6.1776

0.0000

■ 87.3470, 11.1679,
104.9357

■ 87.3470, 11.1679,
104.9357

■ 73.7660, 12.4404,
116.8462

■ 100.9280, 9.8955,
93.0251

■ 73.0650, 12.2930,
117.4610

■ 113.9220, 8.9125,
81.6294

■ 127.5030, 7.6400,
69.7189

■ 140.9700, 5.9308,
57.9083

■ 154.5510, 4.6584,
45.9978

■ 167.5450, 3.6753,
34.6020

■ 181.1260, 2.4029,
22.6915

■ 194.7070, 1.1304,
10.7810

■ 207.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



104.8330, 30.6483, 63.2905



87.3470, 11.1679, 104.9357



93.3390, -20.3801, 97.0497

Triad

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



87.3470, 11.1679, 104.9357



92.2560, -45.4822, -18.6415



99.1900, 55.1223, -86.9896

Complementary

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



87.3470, 11.1679, 104.9357



141.6530, -11.1679, -104.9357

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.



96.9950, 34.0195, -85.0646



87.3470, 11.1679, 104.9357



80.7390, -18.1123, -70.8081

Square

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



87.3470, 11.1679, 104.9357



101.3910, -49.9858, 25.9671



90.2690, 8.2484, -79.1659



93.9700, 65.5838, -82.4117

Rectangle

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



87.3470, 11.1679, 104.9357



97.9150, -44.3281, 78.1275



90.2690, 8.2484, -79.1659



99.5830, 49.0126, -87.3343

Sweetspot

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



87.3470, 11.1679, 104.9357



210.3930, 4.2433, 39.1203



71.7940, 66.6566, 40.5227



101.4250, 2.2555, 23.3063



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.



87.3470, 11.1679, 104.9357



90.0390, 15.2638, 144.6708



79.0760, -28.1385, 112.1893



97.8590, 0.5625, 6.2627



59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Inverse Universe

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



87.3470, 11.1679, 104.9357



90.0390, 15.2638, 144.6708



149.9240, 28.1385, -112.1893



97.8590, 0.5625, 6.2627



59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 87.3470, 11.1679, 104.9357 looks on a white background.

Color Contrast Check

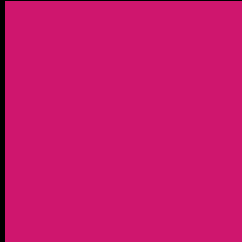
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.3470, 11.1679, 104.9357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

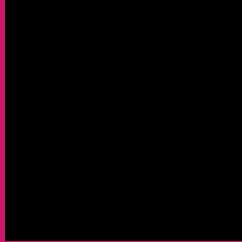
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3470, 11.1679, 104.9357

Background



This preview shows how black text looks on a background with the YUV color 87.3470, 11.1679, 104.9357.



This preview shows how white text looks on a background with the YUV color 87.3470, 11.1679,

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

87.3470, 11.1679, 104.9357

Protanopia

109.2860, 23.0300, -13.4058

Deuteranopia

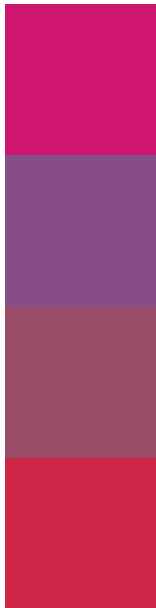
109.9260, -4.4005, 11.4659



Tritanopia

94.0570, -22.7061, 96.4200

Trichromacy



Original Color

87.3470, 11.1679, 104.9357

Protanomaly

101.4100, 18.5319, 29.4584

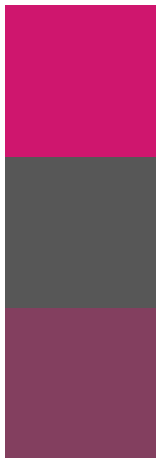
Deuteranomaly

101.9270, 1.0220, 45.6680

Tritanomaly

91.6950, -10.2026, 99.3685

Monochromacy



Original Color

87.3470, 11.1679, 104.9357

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9800, 3.9539, 38.6055

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3470, 11.1679, 104.9357 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(207, 22, 110)` looks like.

```
.text, #text, p{  
    color:rgb(207, 22, 110)  
}
```

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(207, 22, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 22, 110) }
```

Border

The CSS property to change the border of an element to YUV 87.3470, 11.1679, 104.9357 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(207, 22, 110) }
```


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

```
.border{ border-color:rgb(207, 22, 110) }
```

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

Here you see how a box with a 4 pixel rgb(207, 22, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 22, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 22, 110);  
box-shadow:4px 4px 4px 4px rgb(207, 22,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 87.3470, 11.1679, 104.9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 22, 110) }
```

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

```
.background{ background-color: rgb(207, 22,  
110) }
```

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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