

Converting Colors

YUV(118.9710, -8.8597,
88.6024)

Have a look what the booklet for
YUV(118.9710, -8.8597, 88.6024)
contains.

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Color

**YUV(118.9710, -8.8597,
88.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	DC4765
RGB	220, 71, 101
RGB Percent	86%, 28%, 40%
CMY	0.1373, 0.7216, 0.6039
CMYK	0.00, 0.68, 0.54, 0.14
HSL	348°, 68%, 57%
HSV	348°, 68%, 86%
XYZ	34.1174, 20.6617, 14.5018
YIQ	118.9710, 79.1740, 40.9180

Conversions

Conversions Part 2

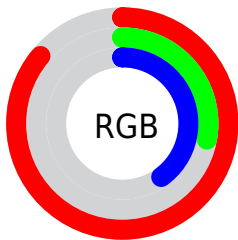
Format	Color
R_{YB}	220, 71, 101
Decimal	14436197
CIE _{Lab}	52.58, 59.75, 16.10
CIE _{LCh}	53, 61.883, 15.079
Yxy	20.6617, 0.4924, 0.2982
Android (android.graphics.Color)	4292626277 (0xFFDC4765)
YUV	118.9710, -8.8597, 88.6024
Hunter-Lab	45.4551, 54.4307, 12.9029

Details

The YUV color **118.9710, -8.8597, 88.6024** 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 **172.0290, 8.8597, -88.6024**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7090, -8.2375, 75.6772**, and **53.8110, 0.5862, 92.2508** is the 20% darker color. If you saturate the color by 10%, you get **104.0050, -10.3555, 101.7276**, and if you desaturate by 10%, it is **133.9370, -7.3639, 75.4773**.

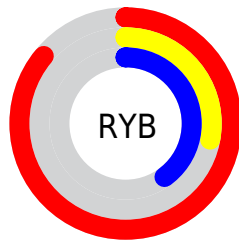
Distribution



Red (86%)

Green (28%)

Blue (40%)



Red (86%)

Yellow (28%)

Blue (40%)

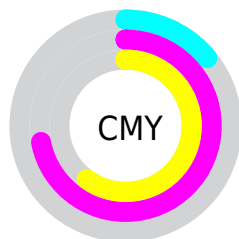


Cyan (0%)

Magenta (68%)

Yellow (54%)

Black (14%)



Cyan (14%)


Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9710, -8.8597, 88.6024 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 118.9710, -8.8597, 88.6024 by changing the saturation by 10% instead.


 118.9710, -8.8597,
88.6024


 118.9710, -8.8597,
88.6024


255.0000, 0.0000,
0.0000

 88.1820, -5.5127,
88.4174


 168.7090, -8.2375,
75.6772

 53.8110, 0.5862,
92.2508


 188.1090, -4.9837,
58.6634


 42.4470, -4.1644,
75.9070


 208.3240, -1.1457,
40.9349

 30.9690, -9.3517,
59.6632

 228.5390, 2.6923,
23.2063

 21.4570, -9.5923,
43.4492

 247.9560, 3.4727,
6.1776

 12.3730, -5.6069,
25.1059

 0.0000, 0.0000,

0.0000

■ 118.9710, -8.8597,
88.6024

■ 118.9710, -8.8597,
88.6024

■ 104.0050,
-10.3555, 101.7276

■ 133.9370, -7.3639,
75.4773

■ 89.1530, -11.4144,
114.7528

■ 148.7890, -6.3050,
62.4520

■ 74.1870, -12.9102,
127.8780

■ 163.7550, -4.8092,
49.3269

■ 70.7960, -13.2104,
130.8519

■ 178.6070, -3.7503,
36.3017

■ 193.5730, -2.2545,
23.1765

■ 208.4250, -1.1955,
10.1513

■ 223.3910, 0.3002,
-2.9739

■ 238.3570, 1.7960,
-16.0991

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



123.4740, 15.0493, 73.2523



118.9710, -8.8597, 88.6024



120.2380, -34.1343, 75.2133

Triad

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



118.9710, -8.8597, 88.6024



106.7940, -31.4504, -39.2843



107.5850, 59.3646, -94.3520

Complementary

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



118.9710, -8.8597, 88.6024



172.0290, 8.8597, -88.6024

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.



109.0890, 44.8191, -95.6711



118.9710, -8.8597, 88.6024



97.8200, -0.8973, -85.7881

Square

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



118.9710, -8.8597, 88.6024



114.2720, -56.3361, 9.4085



105.3780, 22.9846, -92.4165



115.6600, 55.8766, -48.8138

Rectangle

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



118.9710, -8.8597, 88.6024



119.7030, -49.6466, 57.2655



105.3780, 22.9846, -92.4165



109.2490, 55.5862, -95.8114

Sweetspot

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



118.9710, -8.8597, 88.6024



220.3890, -3.1498, 30.3538



122.9690, 47.8363, 57.0322



106.9530, -1.9488, 18.4582



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.



118.9710, -8.8597, 88.6024



114.6810, -12.1677, 123.0598



140.2050, -34.1181, 69.9802



102.5170, -0.7479, 6.5626



55.7170, -10.2135, 102.8572



14.7800, -2.8495, 27.3799

Inverse Universe

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



118.9710, -8.8597, 88.6024



114.6810, -12.1677, 123.0598



150.7950, 34.1181, -69.9802



102.5170, -0.7479, 6.5626



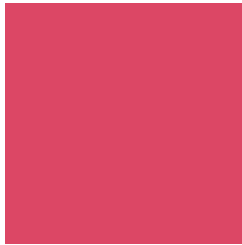
55.7170, -10.2135, 102.8572



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 118.9710, -8.8597, 88.6024 looks on a white 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

Black Background



This preview shows how the YUV color 118.9710, -8.8597, 88.6024 looks on a black 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

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

YUV 118.9710, -8.8597, 88.6024

Background



This preview shows how black text looks on a background with the YUV color 118.9710, -8.8597, 88.6024.



This preview shows how white text looks on a background with the YUV color 118.9710, -8.8597,

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

118.9710, -8.8597, 88.6024

Protanopia

126.2390, 0.8682, 1.5444

Deuteranopia

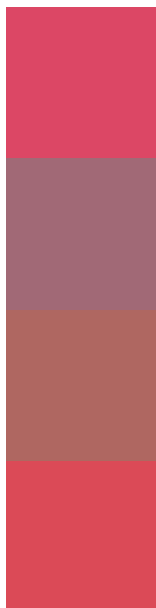
126.2940, -15.9209, 19.9132



Tritanopia

118.5120, -19.4794, 88.1280

Trichromacy



Original Color

118.9710, -8.8597, 88.6024

Protanomaly

123.2260, -2.5764, 33.1278

Deuteranomaly

123.8440, -13.2341, 44.8638

Tritanomaly

118.8370, -15.6956, 87.8430

Monochromacy



Original Color

118.9710, -8.8597, 88.6024

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2860, -3.5920, 32.1982

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9710, -8.8597, 88.6024 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(220, 71, 101)` looks like.

```
.text, #text, p{  
    color:rgb(220, 71, 101)  
}
```

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(220, 71, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 71, 101) }
```

Border

The CSS property to change the border of an element to YUV 118.9710, -8.8597, 88.6024 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(220, 71, 101) }
```


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

```
.border{ border-color:rgb(220, 71, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 71, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 71, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 71, 101);  
box-shadow:4px 4px 4px 4px rgb(220, 71,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 118.9710, -8.8597, 88.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 71, 101) }
```

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

```
.background{ background-color: rgb(220, 71,  
101) }
```

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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