

Converting Colors

YUV(120.3580, 4.2605, 80.3700)

Have a look what the booklet for
YUV(120.3580, 4.2605, 80.3700)
contains.

YUV(120.3580, 4.2605, 80.3700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.3580, 4.2605,
80.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	D44881
RGB	212, 72, 129
RGB Percent	83%, 28%, 51%
CMY	0.1686, 0.7176, 0.4941
CMYK	0.00, 0.66, 0.39, 0.17
HSL	336°, 62%, 56%
HSV	336°, 66%, 83%
XYZ	33.4312, 20.2168, 22.9091
YIQ	120.3580, 65.1430, 47.4070

Conversions

Conversions Part 2

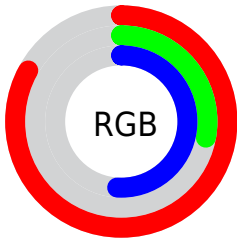
Format	Color
R_{YB}	212, 72, 129
Decimal	13912193
CIE _{Lab}	52.08, 59.49, -1.57
CIE _{LCh}	52, 59.512, 358.486
Yxy	20.2168, 0.4367, 0.2641
Android (android.graphics.Color)	4292102273 (0xFFD44881)
YUV	120.3580, 4.2605, 80.3700
Hunter-Lab	44.9630, 54.0340, 1.2653

Details

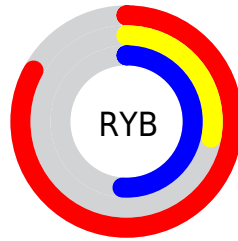
The YUV color **120.3580, 4.2605, 80.3700** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **163.6420, -4.2605, -80.3700**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1290, 4.8664, 72.6779**, and **54.8670, 12.3906, 86.0626** is the 20% darker color. If you saturate the color by 10%, you get **106.5490, 4.6593, 92.4805**, and if you desaturate by 10%, it is **134.1670, 3.8617, 68.2595**.

Distribution



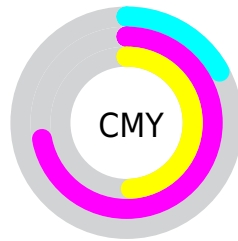
- Red (83%)
- Green (28%)
- Blue (51%)



- Red (83%)
- Yellow (28%)
- Blue (51%)



- Cyan (0%)
- Magenta (66%)
- Yellow (39%)
- Black (17%)




- Cyan (17%)
- Magenta (72%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.3580, 4.2605, 80.3700 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 120.3580, 4.2605, 80.3700 by changing the saturation by 10% instead.


 120.3580, 4.2605,
80.3700

 120.3580, 4.2605,
80.3700

255.0000, 0.0000,
0.0000


 90.3410, 6.7339,
80.3849

 172.1290, 4.8664,
72.6779


 54.8670, 12.3906,
86.0626


 192.2300, 8.2676,
55.0493

 43.5740, 6.6190,
70.5336


 211.9720, 12.8318,
37.7356

 32.5090, 1.7211,
54.8046

 230.9330, 11.8650,
21.1068

 21.9280, -3.9085,
40.4051

 248.5430, 3.1833,
5.6628

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 120.3580, 4.2605,
80.3700

■ 120.3580, 4.2605,
80.3700

■ 106.5490, 4.6593,
92.4805

■ 134.1670, 3.8617,
68.2595

■ 92.8540, 5.4950,
104.4910

■ 147.8620, 3.0260,
56.2490

■ 78.4580, 6.1832,
117.1163

■ 162.2580, 2.3378,
43.6237

■ 73.1920, 6.3143,
121.7346

■ 175.9530, 1.5022,
31.6132

■ 189.7620, 1.1033,
19.5027

■ 203.4570, 0.2677,
7.4922

■ 217.2660, -0.1311,
-4.6183

■ 231.6620, -0.8194,
-17.2436

■ 240.6610, 0.6601,
-25.1357

Harmonies

Analogous

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



126.6650, 25.3082, 49.4058



120.3580, 4.2605, 80.3700



118.7670, -19.6051, 81.7653

Triad

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



120.3580, 4.2605, 80.3700



111.6100, -45.6567, -9.3050



107.9950, 50.7815, -94.7116

Complementary

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



120.3580, 4.2605, 80.3700



163.6420, -4.2605, -80.3700

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.



105.8970, 32.5888, -92.8717



120.3580, 4.2605, 80.3700



92.2800, -11.9700, -80.9296

Square

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



120.3580, 4.2605, 80.3700



116.1760, -57.2748, 30.5406



99.9690, 9.8753, -87.6728



102.7750, 61.2429, -90.1337

Rectangle

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



120.3580, 4.2605, 80.3700



119.5640, -35.2811, 69.6654



99.9690, 9.8753, -87.6728



107.9150, 45.3979, -94.6415

Sweetspot

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



120.3580, 4.2605, 80.3700



221.6430, 1.6550, 29.2541



112.4780, 49.0643, 36.4148



107.6370, 0.6720, 17.8584



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.



120.3580, 4.2605, 80.3700



123.4470, 6.1886, 115.3720



120.9040, -24.1097, 79.8912



99.8590, 0.5625, 6.2627



59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358

Inverse Universe

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



120.3580, 4.2605, 80.3700



123.4470, 6.1886, 115.3720



163.0960, 24.1097, -79.8912



99.8590, 0.5625, 6.2627



59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 120.3580, 4.2605, 80.3700 looks on a white background.

Color Contrast Check

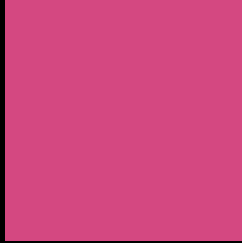
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3580, 4.2605, 80.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

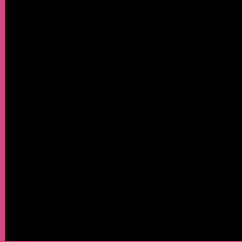
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3580, 4.2605, 80.3700

Background



This preview shows how black text looks on a background with the YUV color 120.3580, 4.2605, 80.3700.



This preview shows how white text looks on a background with the YUV color 120.3580, 4.2605,

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

120.3580, 4.2605, 80.3700

Protanopia

124.9400, 17.7776, -8.7174

Deuteranopia

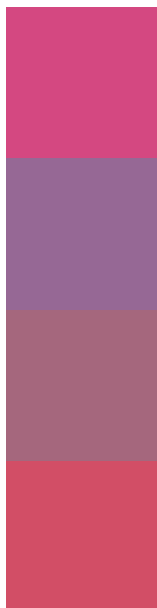
126.1970, -2.0691, 10.3512



Tritanopia

120.5430, -16.5367, 77.5768

Trichromacy



Original Color

120.3580, 4.2605, 80.3700

Protanomaly

122.8840, 12.8752, 23.7807

Deuteranomaly

124.0460, 0.4703, 35.9167

Tritanomaly

120.2040, -8.9746, 78.7511

Monochromacy



Original Color

120.3580, 4.2605, 80.3700

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2300, 1.3656, 28.7393

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3580, 4.2605, 80.3700 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(212, 72, 129)` looks like.

```
.text, #text, p{  
    color:rgb(212, 72, 129)  
}
```

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(212, 72, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 72, 129) }
```

Border

The CSS property to change the border of an element to YUV 120.3580, 4.2605, 80.3700 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(212, 72, 129) }
```


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

```
.border{ border-color:rgb(212, 72, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 72, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 72, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 72, 129);  
box-shadow:4px 4px 4px 4px rgb(212, 72,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 120.3580, 4.2605, 80.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 72, 129) }
```

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

```
.background{ background-color: rgb(212, 72,  
129) }
```

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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