

Converting Colors

YUV(80.2880, 30.9170,
117.2654)

Have a look what the booklet for
YUV(80.2880, 30.9170, 117.2654)
contains.

YUV(80.2880, 30.9170, 117.2654)	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(80.2880, 30.9170,
117.2654)**

Conversions

Conversions Part 1

Format	Color
Hex	D6008F
RGB	214, 0, 143
RGB Percent	84%, 0%, 56%
CMY	0.1608, 1.0000, 0.4392
CMYK	0.00, 1.00, 0.33, 0.16
HSL	320°, 100%, 42%
HSV	320°, 100%, 84%
XYZ	32.6895, 16.2793, 27.4059
YIQ	80.2880, 81.6410, 89.8410

Conversions

Conversions Part 2

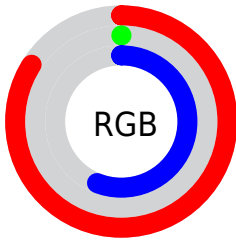
Format	Color
R_{YB}	214, 0, 143
Decimal	14024847
CIE _{Lab}	47.34, 77.30, -17.07
CIE _{LCh}	47, 79.166, 347.546
Yxy	16.2793, 0.4280, 0.2132
Android (android.graphics.Color)	4292214927 (0xFFD6008F)
YUV	80.2880, 30.9170, 117.2654
Hunter-Lab	40.3476, 74.0116, -12.0290

Details

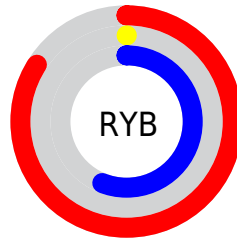
The YUV color **80.2880, 30.9170, 117.2654** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **133.7120, -30.9170, -117.2654**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7070, 21.8364, 89.7110**, and **56.6480, 17.9215, 85.3777** is the 20% darker color. If you saturate the color by 10%, you get **80.2880, 30.9170, 117.2654**, and if you desaturate by 10%, it is **93.4130, 27.8974, 105.7548**.

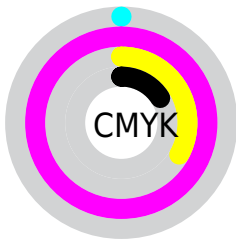
Distribution



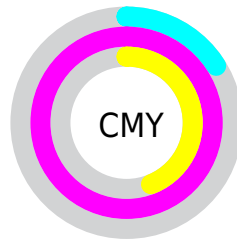
- Red (84%)
- Green (0%)
- Blue (56%)



- Red (84%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2880, 30.9170, 117.2654 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 80.2880, 30.9170, 117.2654 by changing the saturation by 10% instead.


 80.2880, 30.9170,
117.2654


 80.2880, 30.9170,
117.2654


255.0000, 0.0000,
0.0000


 68.3540, 23.9825,
101.4215

 152.7070, 21.8364,
89.7110


 56.6480, 17.9215,
85.3777


 173.5090, 25.3851,
71.4676


 44.9420, 11.8606,
69.3339


 194.4250, 29.3705,
53.1243

 33.6490, 6.0890,
53.8048

 212.1490, 21.1255,
37.5803

 22.9970, 1.4805,
38.5906

 229.7590, 12.4438,
22.1364

 10.8780, -4.8699,
22.0320

 247.3690, 3.7621,

 0.0000, 0.0000,

6.6924

0.0000

■ 80.2880, 30.9170,
117.2654

■ 93.4130, 27.8974,
105.7548

■ 107.1250, 24.5884,
93.7294

■ 120.2500, 21.5688,
82.2188

■ 133.9620, 18.2597,
70.1933

■ 147.0870, 15.2401,
58.6827

■ 160.3260, 12.6573,
47.0721

■ 174.0380, 9.3483,
35.0467

■ 187.1630, 6.3286,
23.5360

■ 200.8750, 3.0196,
11.5106

Harmonies

Analogous

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



112.4850, 45.1169, 42.5477



80.2880, 30.9170, 117.2654



76.0530, 0.4669, 130.6265

Triad

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



80.2880, 30.9170, 117.2654



100.9270, -49.7570, -0.8130



105.0600, 52.2284, -92.1376

Complementary

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



80.2880, 30.9170, 117.2654



133.7120, -30.9170, -117.2654

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.



99.3940, 25.4418, -87.1685



80.2880, 30.9170, 117.2654



78.0710, -38.4890, -68.4683

Square

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



80.2880, 30.9170, 117.2654



105.9530, -52.2348, 47.3992



90.2400, -4.5553, -79.1405



103.5390, 69.2473, -90.8037

Rectangle

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



80.2880, 30.9170, 117.2654



94.4510, -30.2953, 103.9675



90.2400, -4.5553, -79.1405



103.5950, 44.0767, -90.8528

Sweetspot

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



80.2880, 30.9170, 117.2654



207.5380, 11.0738, 41.6242



44.7280, 83.4511, 20.4095



99.1740, 6.3232, 25.2804



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.



80.2880, 30.9170, 117.2654



95.6250, 36.6669, 139.7719



68.4320, -14.5100, 127.6631



100.2010, 1.8729, 5.9627



64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360

Inverse Universe

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



80.2880, 30.9170, 117.2654



95.6250, 36.6669, 139.7719



145.5680, 14.5100, -127.6631



100.2010, 1.8729, 5.9627



64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 80.2880, 30.9170, 117.2654 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 80.2880, 30.9170, 117.2654 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 80.2880, 30.9170, 117.2654 Background



This preview shows how black text looks on a background with the YUV color 80.2880, 30.9170, 117.2654.



This preview shows how white text looks on a background with the YUV color 80.2880, 30.9170,

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

80.2880, 30.9170, 117.2654

Protanopia

109.3430, 46.6659, -34.5038

Deuteranopia

115.0030, 8.8725, 0.8744



Tritanopia

101.7900, -21.0955, 93.1462

Trichromacy



Original Color

80.2880, 30.9170, 117.2654



Protanomaly

98.9030, 40.9668, 20.2561



Deuteranomaly

102.7430, 16.8887, 43.1984



Tritanomaly

94.1820, -2.0617, 101.5724

Monochromacy



Original Color

80.2880, 30.9170, 117.2654



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

80.2500, 11.2157, 42.7537

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2880, 30.9170, 117.2654 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(214, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 143)  
}
```

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(214, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 143) }
```

Border

The CSS property to change the border of an element to YUV 80.2880, 30.9170, 117.2654 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(214, 0, 143) }
```


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

```
.border{ border-color:rgb(214, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 80.2880, 30.9170, 117.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 143) }
```

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

```
.background{ background-color: rgb(214, 0,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor