

Converting Colors

YUV(80.1290, 18.6704,
125.2979)

Have a look what the booklet for
YUV(80.1290, 18.6704, 125.2979)
contains.

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Color

**YUV(80.1290, 18.6704,
125.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0076
RGB	223, 0, 118
RGB Percent	87%, 0%, 46%
CMY	0.1255, 1.0000, 0.5373
CMYK	0.00, 1.00, 0.47, 0.13
HSL	328°, 100%, 44%
HSV	328°, 100%, 87%
XYZ	33.7014, 16.9960, 18.6438
YIQ	80.1290, 95.0300, 83.9740

Conversions

Conversions Part 2

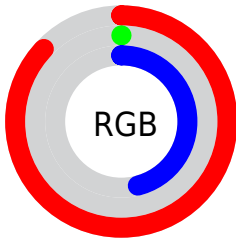
Format	Color
R_{YB}	223, 0, 118
Decimal	14614646
CIE Lab	48.25, 76.93, -0.27
CIE LCh	48, 76.934, 359.795
Yxy	16.9960, 0.4860, 0.2451
Android (android.graphics.Color)	4292804726 (0xFFDF0076)
YUV	80.1290, 18.6704, 125.2979
Hunter-Lab	41.2262, 73.7738, 2.0454

Details

The YUV color **80.1290, 18.6704, 125.2979** 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 **142.8710, -18.6704, -125.2979**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6290, 10.0429, 92.4104**, and **56.1190, 6.8433, 91.9806** is the 20% darker color. If you saturate the color by 10%, you get **80.1290, 18.6704, 125.2979**, and if you desaturate by 10%, it is **94.2970, 17.1086, 112.8725**.

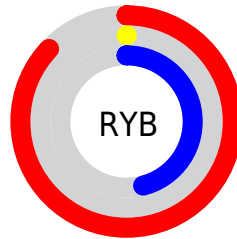
Distribution



Red (87%)

Green (0%)

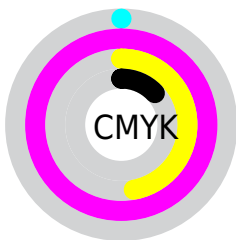
Blue (46%)



Red (87%)

Yellow (0%)

Blue (46%)

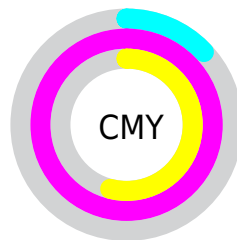


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.1290, 18.6704, 125.2979 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 80.1290, 18.6704, 125.2979 by changing the saturation by 10% instead.


 80.1290, 18.6704,
125.2979


 80.1290, 18.6704,
125.2979

255.0000, 0.0000,
0.0000


 68.0100, 12.3201,
108.7392


 149.6290, 10.0429,
92.4104


 56.1190, 6.8433,
91.9806


 170.9040, 12.8653,
73.7522

 44.6410, 1.6560,
75.7368


 191.7060, 16.4139,
55.5088

 33.0920, -2.5104,
58.6783

 212.6220, 20.3994,
37.1655

 21.9840, -8.8661,
43.8640

 230.3460, 12.1544,
21.6216

 12.0740, -5.4595,
24.4911

 248.5430, 3.1833,

 0.0000, 0.0000,

5.6628

0.0000

■ 80.1290, 18.6704,
125.2979

■ 94.2970, 17.1086,
112.8725

■ 108.9380, 14.8206,
100.0324

■ 123.1060, 13.2587,
87.6070

■ 137.1600, 11.2601,
75.2817

■ 151.9150, 9.4089,
62.3415

■ 165.9690, 7.4103,
50.0162

■ 180.1370, 5.8485,
37.5909

■ 194.1910, 3.8498,
25.2655

■ 208.8320, 1.5618,
12.4253

Harmonies

Analogous

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



110.0170, 34.9946, 69.2681



80.1290, 18.6704, 125.2979



96.0030, -20.7075, 108.7454

Triad

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



80.1290, 18.6704, 125.2979



97.8490, -48.2396, -20.9156



106.4110, 59.9434, -93.3224

Complementary

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



80.1290, 18.6704, 125.2979



142.8710, -18.6704, -125.2979

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.



103.6460, 36.6565, -90.8975



80.1290, 18.6704, 125.2979



85.7940, -21.5904, -75.2413

Square

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



80.1290, 18.6704, 125.2979



107.6040, -53.0488, 28.4113



95.5350, 8.1172, -83.7842



100.9460, 72.0046, -88.5296

Rectangle

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



80.1290, 18.6704, 125.2979



102.1890, -49.8862, 87.5342



95.5350, 8.1172, -83.7842



105.9890, 53.2494, -92.9524

Sweetspot

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



80.1290, 18.6704, 125.2979



206.2840, 6.2690, 42.7239



56.5180, 82.0756, 41.6417



98.4900, 3.7024, 25.8803



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.



80.1290, 18.6704, 125.2979



91.6350, 21.3789, 143.2711



67.4750, -29.8142, 136.3954



104.9730, 0.9993, 6.1627



63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Inverse Universe

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



80.1290, 18.6704, 125.2979



91.6350, 21.3789, 143.2711



155.5250, 29.8142, -136.3954



104.9730, 0.9993, 6.1627



63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 80.1290, 18.6704, 125.2979 looks on a white background.

Color Contrast Check

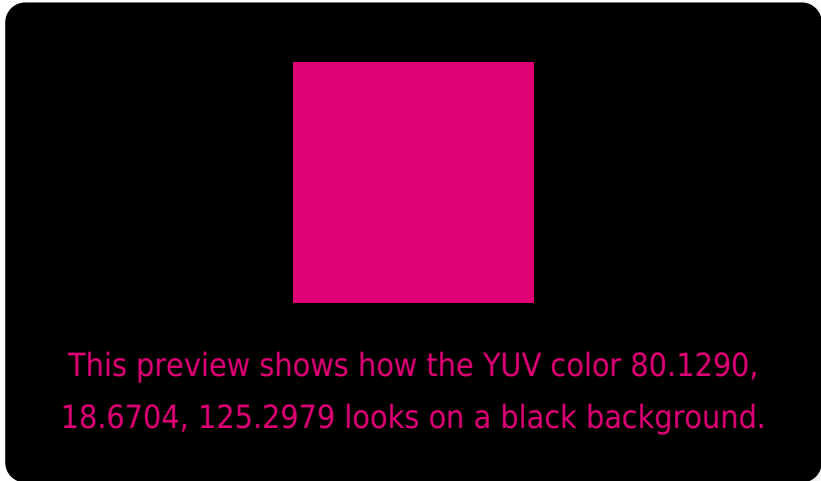
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

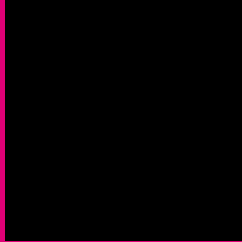
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1290, 18.6704, 125.2979

Background



This preview shows how black text looks on a background with the YUV color 80.1290, 18.6704, 125.2979.



This preview shows how white text looks on a background with the YUV color 80.1290, 18.6704,

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

80.1290, 18.6704, 125.2979

Protanopia

116.1870, 26.5298, -15.9500

Deuteranopia

117.3390, -4.1111, 11.9807



Tritanopia

98.7270, -25.5014, 106.3564

Trichromacy



Original Color

80.1290, 18.6704, 125.2979



Protanomaly

102.8220, 23.7518, 35.2361



Deuteranomaly

103.4810, 4.1999, 53.0752



Tritanomaly

92.0110, -9.3724, 113.1234

Monochromacy



Original Color

80.1290, 18.6704, 125.2979



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

80.1210, 6.8423, 45.4979

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1290, 18.6704, 125.2979 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(223, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(223, 0, 118)  
}
```

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(223, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 118) }
```

Border

The CSS property to change the border of an element to YUV 80.1290, 18.6704, 125.2979 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(223, 0, 118) }
```


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

```
.border{ border-color:rgb(223, 0, 118) }
```

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

Here you see how a box with a 4 pixel rgb(223, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(223, 0,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 80.1290, 18.6704, 125.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 0, 118) }
```

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

```
.background{ background-color: rgb(223, 0,  
118) }
```

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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