

Converting Colors

YUV(78.4490, 19.9916,
121.5092)

Have a look what the booklet for
YUV(78.4490, 19.9916, 121.5092)
contains.

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Color

**YUV(78.4490, 19.9916,
121.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	D90077
RGB	217, 0, 119
RGB Percent	85%, 0%, 47%
CMY	0.1490, 1.0000, 0.5333
CMYK	0.00, 1.00, 0.45, 0.15
HSL	327°, 100%, 43%
HSV	327°, 100%, 85%
XYZ	31.9450, 16.0836, 18.8735
YIQ	78.4490, 91.1330, 83.0130

Conversions

Conversions Part 2

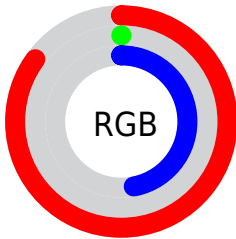
Format	Color
RYB	217, 0, 119
Decimal	14221431
CIELab	47.08, 75.72, -2.75
CIElCh	47, 75.772, 357.922
Yxy	16.0836, 0.4775, 0.2404
Android (android.graphics.Color)	4292411511 (0xFFD90077)
YUV	78.4490, 19.9916, 121.5092
Hunter-Lab	40.1044, 72.0010, 0.1706

Details

The YUV color **78.4490, 19.9916, 121.5092** 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 **138.5510, -19.9916, -121.5092**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1560, 10.7691, 92.8252**, and **54.7380, 8.0172, 88.8068** is the 20% darker color. If you saturate the color by 10%, you get **78.4490, 19.9916, 121.5092**, and if you desaturate by 10%, it is **92.5030, 17.9930, 109.1839**.

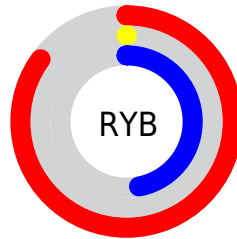
Distribution



Red (85%)

Green (0%)

Blue (47%)



Red (85%)

Yellow (0%)

Blue (47%)

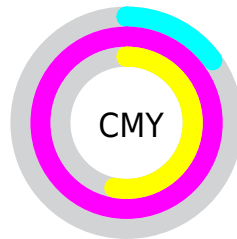


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.4490, 19.9916, 121.5092 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 78.4490, 19.9916, 121.5092 by changing the saturation by 10% instead.

 78.4490, 19.9916,
121.5092


 78.4490, 19.9916,
121.5092


255.0000, 0.0000,
0.0000


 66.3300, 13.6413,
104.9506


 149.1560, 10.7691,
92.8252


 54.7380, 8.0172,
88.8068


 170.4310, 13.5915,
74.1670


 42.9610, 2.9772,
71.9482


 191.2330, 17.1401,
55.9237

 31.5970, -1.7733,
55.6044

 212.1490, 21.1255,
37.5803

 20.3750, -8.5659,
40.8901

 229.7590, 12.4438,
22.1364

 10.2800, -4.5750,
20.8024

 247.3690, 3.7621,

 0.0000, 0.0000,

6.6924

0.0000

■ 78.4490, 19.9916,
121.5092

■ 92.5030, 17.9930,
109.1839

■ 105.9700, 16.2838,
97.3733

■ 119.9100, 13.8484,
85.1479

■ 133.9640, 11.8497,
72.8226

■ 148.0180, 9.8511,
60.4972

■ 161.4850, 8.1419,
48.6867

■ 175.5390, 6.1433,
36.3613

■ 189.4790, 3.7079,
24.1359

■ 202.9460, 1.9986,
12.3254

Harmonies

Analogous

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



108.0980, 35.4477, 63.9351



78.4490, 19.9916, 121.5092



92.2140, -17.3605, 108.5603

Triad

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



78.4490, 19.9916, 121.5092



96.3980, -47.5242, -17.0120



103.7380, 57.3172, -90.9782

Complementary

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



78.4490, 19.9916, 121.5092



138.5510, -19.9916, -121.5092

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.



100.3860, 34.3197, -88.0385



78.4490, 19.9916, 121.5092



82.7620, -23.0537, -72.5823

Square

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



78.4490, 19.9916, 121.5092



105.2560, -51.8912, 30.4705



92.9760, 5.9278, -81.5400



99.0880, 69.9626, -86.9002

Rectangle

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



78.4490, 19.9916, 121.5092



99.0410, -45.3762, 87.6640



92.9760, 5.9278, -81.5400



103.3160, 50.6232, -90.6081

Sweetspot

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



78.4490, 19.9916, 121.5092



206.3980, 6.7058, 42.6240



54.0400, 80.3393, 38.5529



98.6040, 4.1392, 25.7803



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.



78.4490, 19.9916, 121.5092



92.2050, 23.5629, 142.7712



66.1370, -27.1825, 132.3069



102.9730, 0.9993, 6.1627



62.5570, 15.9944, 96.8585



16.6040, 4.1392, 25.7803

Inverse Universe

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



78.4490, 19.9916, 121.5092



92.2050, 23.5629, 142.7712



150.8630, 27.1825, -132.3069



102.9730, 0.9993, 6.1627



62.5570, 15.9944, 96.8585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 78.4490, 19.9916, 121.5092 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 78.4490, 19.9916, 121.5092 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 78.4490, 19.9916, 121.5092

Background



This preview shows how black text looks on a background with the YUV color 78.4490, 19.9916, 121.5092.



This preview shows how white text looks on a background with the YUV color 78.4490, 19.9916,

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

78.4490, 19.9916, 121.5092

Protanopia

113.0450, 28.5718, -17.5795

Deuteranopia

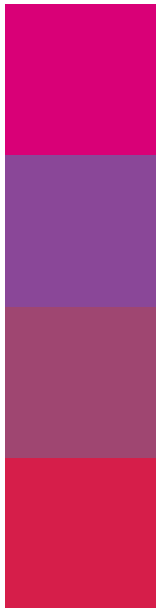
114.7840, -2.3585, 9.8364



Tritanopia

96.7480, -24.0328, 101.9530

Trichromacy



Original Color

78.4490, 19.9916, 121.5092

Protanomaly

100.2670, 25.5044, 33.0918

Deuteranomaly

101.5130, 5.6631, 50.4161

Tritanomaly

90.0320, -7.9038, 108.7199

Monochromacy



Original Color

78.4490, 19.9916, 121.5092

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.5230, 7.1372, 44.2683

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4490, 19.9916, 121.5092 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(217, 0, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 119)  
}
```

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(217, 0, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 119) }
```

Border

The CSS property to change the border of an element to YUV 78.4490, 19.9916, 121.5092 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(217, 0, 119) }
```


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

```
.border{ border-color:rgb(217, 0, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 78.4490, 19.9916, 121.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 119) }
```

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

```
.background{ background-color: rgb(217, 0,  
119) }
```

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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