

Converting Colors

YUV(78.6420, 27.2915,
113.4470)

Have a look what the booklet for
YUV(78.6420, 27.2915, 113.4470)
contains.

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Color

**YUV(78.6420, 27.2915,
113.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	D00286
RGB	208, 2, 134
RGB Percent	82%, 1%, 53%
CMY	0.1843, 0.9922, 0.4745
CMYK	0.00, 0.99, 0.36, 0.18
HSL	322°, 98%, 41%
HSV	322°, 99%, 82%
XYZ	30.3372, 15.1745, 23.8843
YIQ	78.6420, 80.4040, 84.7240

Conversions

Conversions Part 2

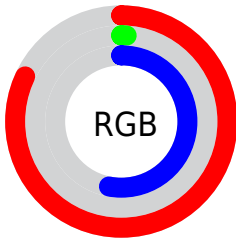
Format	Color
R_{YB}	208, 2, 134
Decimal	13632134
CIE _{Lab}	45.87, 75.01, -13.94
CIE _{LCh}	46, 76.297, 349.471
Yxy	15.1745, 0.4372, 0.2187
Android (android.graphics.Color)	4291822214 (0xFFD00286)
YUV	78.6420, 27.2915, 113.4470
Hunter-Lab	38.9545, 70.8428, -9.0845

Details

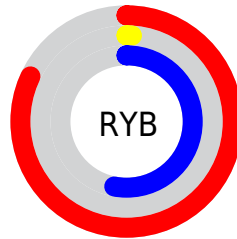
The YUV color **78.6420, 27.2915, 113.4470** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **131.3580, -27.2915, -113.4470**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3930, 18.0473, 91.7403**, and **53.8280, 14.8748, 82.5888** is the 20% darker color. If you saturate the color by 10%, you get **77.3540, 27.4335, 114.5765**, and if you desaturate by 10%, it is **91.7670, 24.2719, 101.9363**.

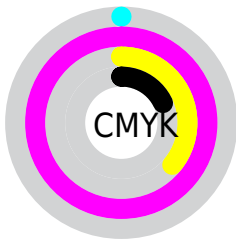
Distribution



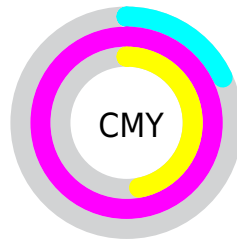
- Red (82%)
- Green (1%)
- Blue (53%)



- Red (82%)
- Yellow (1%)
- Blue (53%)



- Cyan (0%)
- Magenta (99%)
- Yellow (36%)
- Black (18%)





- Cyan (18%)
- Magenta (99%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.6420, 27.2915, 113.4470 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 78.6420, 27.2915, 113.4470 by changing the saturation by 10% instead.


 78.6420, 27.2915,
113.4470


 78.6420, 27.2915,
113.4470

255.0000, 0.0000,
0.0000


 65.6480, 21.3725,
98.5327

 150.3930, 18.0473,
91.7403


 53.8280, 14.8748,
82.5888


 171.7820, 21.3065,
72.9822


 42.2360, 9.2507,
66.4450


 192.5840, 24.8551,
54.7388

 31.0570, 3.9159,
50.8160

 210.9750, 21.7043,
38.6099

 20.2910, -1.1295,
35.7018

 228.5850, 13.0226,
23.1660

 8.1870, -3.5432,
16.4990

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 78.6420, 27.2915,
113.4470

■ 78.6420, 27.2915,
113.4470

■ 77.3540, 27.4335,
114.5765

■ 91.7670, 24.2719,
101.9363

■ 105.0060, 21.6890,
90.3257

■ 117.5440, 18.9588,
79.3299

■ 130.7830, 16.3760,
67.7193

■ 143.9080, 13.3564,
56.2087

■ 157.1470, 10.7735,
44.5981

■ 170.2720, 7.7539,
33.0875

■ 182.9240, 5.4605,
21.9917

■ 196.0490, 2.4408,
10.4810

Harmonies

Analogous

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



108.5840, 41.6171, 45.0918



78.6420, 27.2915, 113.4470



75.6130, -2.2742, 123.1194

Triad

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



78.6420, 27.2915, 113.4470



97.0730, -47.8570, -3.5720



101.5550, 51.4914, -89.0637

Complementary

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



78.6420, 27.2915, 113.4470



131.3580, -27.2915, -113.4470

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.



96.3450, 26.4519, -84.4946



78.6420, 27.2915, 113.4470



75.7230, -37.3314, -66.4091

Square

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



78.6420, 27.2915, 113.4470



102.6750, -50.6188, 42.3810



88.1200, -2.5242, -77.2812



99.1050, 67.4892, -86.9151

Rectangle

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



78.6420, 27.2915, 113.4470



93.6520, -31.8734, 96.7752



88.1200, -2.5242, -77.2812



100.2040, 43.7764, -87.8789

Sweetspot

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



78.6420, 27.2915, 113.4470



207.3100, 10.2002, 41.8241



47.0120, 79.3671, 23.6685



99.0600, 5.8864, 25.3804



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.



78.6420, 27.2915, 113.4470



94.8270, 33.6093, 140.4717



67.1280, -16.8251, 123.5447



98.0870, 1.4361, 6.0627



62.5440, 22.4098, 92.4849



15.2230, 5.3131, 22.6064

Inverse Universe

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



78.6420, 27.2915, 113.4470



94.8270, 33.6093, 140.4717



142.8720, 16.8251, -123.5447



98.0870, 1.4361, 6.0627



62.5440, 22.4098, 92.4849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 78.6420, 27.2915, 113.4470 looks on a white background.

Color Contrast Check

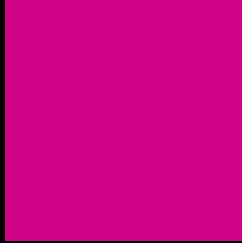
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.6420, 27.2915, 113.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

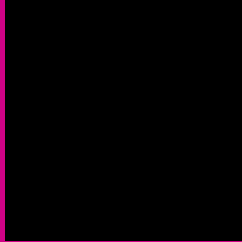
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.6420, 27.2915, 113.4470

Background



This preview shows how black text looks on a background with the YUV color 78.6420, 27.2915, 113.4470.



This preview shows how white text looks on a background with the YUV color 78.6420, 27.2915,

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

78.6420, 27.2915, 113.4470

Protanopia

107.1110, 41.8503, -29.9153

Deuteranopia

112.0310, 6.3937, 2.6038



Tritanopia

98.0780, -21.2375, 92.0166

Trichromacy



Original Color

78.6420, 27.2915, 113.4470



Protanomaly

96.4750, 36.7408, 22.3854



Deuteranomaly

99.6460, 13.9785, 43.2835



Tritanomaly

90.8290, -3.3667, 100.1280

Monochromacy



Original Color

78.6420, 27.2915, 113.4470



Achromatopsia

79.0000, 0.0000, 0.0000



Achromatomaly

78.8970, 9.9108, 41.3093

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6420, 27.2915, 113.4470 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(208, 2, 134)` looks like.

```
.text, #text, p{  
    color:rgb(208, 2, 134)  
}
```

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(208, 2, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 2, 134) }
```

Border

The CSS property to change the border of an element to YUV 78.6420, 27.2915, 113.4470 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(208, 2, 134) }
```


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

```
.border{ border-color:rgb(208, 2, 134) }
```

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

Here you see how a box with a 4 pixel rgb(208, 2, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 2, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 2, 134);  
box-shadow:4px 4px 4px 4px rgb(208, 2,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 78.6420, 27.2915, 113.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 2, 134) }
```

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

```
.background{ background-color: rgb(208, 2,  
134) }
```

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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