

Converting Colors

YUV(77.9520, 27.1387,
115.8061)

Have a look what the booklet for
YUV(77.9520, 27.1387, 115.8061)
contains.

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Color

**YUV(77.9520, 27.1387,
115.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	D20085
RGB	210, 0, 133
RGB Percent	82%, 0%, 52%
CMY	0.1765, 1.0000, 0.4784
CMYK	0.00, 1.00, 0.37, 0.18
HSL	322°, 100%, 41%
HSV	322°, 100%, 82%
XYZ	30.8120, 15.3951, 23.5379
YIQ	77.9520, 82.4670, 85.8830

Conversions

Conversions Part 2

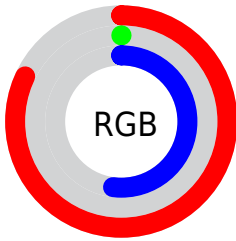
Format	Color
R_{YB}	210, 0, 133
Decimal	13762693
CIE _{Lab}	46.17, 75.50, -12.84
CIE _{LCh}	46, 76.584, 350.347
Yxy	15.3951, 0.4418, 0.2207
Android (android.graphics.Color)	4291952773 (0xFFD20085)
YUV	77.9520, 27.1387, 115.8061
Hunter-Lab	39.2366, 71.5097, -8.1022

Details

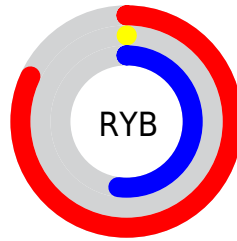
The YUV color **77.9520, 27.1387, 115.8061** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **132.0480, -27.1387, -115.8061**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2790, 17.6105, 91.8403**, and **54.3120, 14.1432, 83.9184** is the 20% darker color. If you saturate the color by 10%, you get **77.9520, 27.1387, 115.8061**, and if you desaturate by 10%, it is **91.1910, 24.5558, 104.1955**.

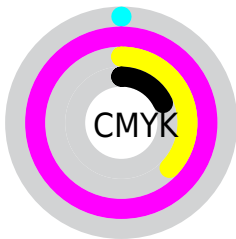
Distribution



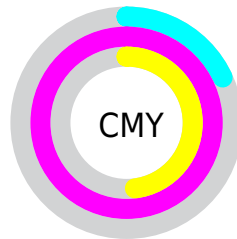
- Red (82%)
- Green (0%)
- Blue (52%)



- Red (82%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.9520, 27.1387, 115.8061 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 77.9520, 27.1387, 115.8061 by changing the saturation by 10% instead.


 77.9520, 27.1387,
115.8061


 77.9520, 27.1387,
115.8061

255.0000, 0.0000,
0.0000


 66.1320, 20.6409,
99.8622

 150.2790, 17.6105,
91.8403


 54.3120, 14.1432,
83.9184


 171.6680, 20.8697,
73.0822


 42.7200, 8.5190,
67.7746


 192.4700, 24.4183,
54.8388

 31.6550, 3.6211,
52.0456

 210.9750, 21.7043,
38.6099

 20.7750, -1.8611,
37.0313

 228.5850, 13.0226,
23.1660

 8.7850, -3.8380,
17.7286

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 77.9520, 27.1387,
115.8061

■ 91.1910, 24.5558,
104.1955

■ 104.3160, 21.5362,
92.6849

■ 117.5550, 18.9534,
81.0743

■ 130.7940, 16.3706,
69.4637

■ 143.9190, 13.3509,
57.9530

■ 157.1580, 10.7681,
46.3424

■ 170.3970, 8.1853,
34.7318

■ 183.6360, 5.6025,
23.1212

■ 196.7610, 2.5828,
11.6106

Harmonies

Analogous

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



108.8940, 41.4643, 47.4510



77.9520, 27.1387, 115.8061



78.1460, -4.0160, 121.7750

Triad

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



77.9520, 27.1387, 115.8061



97.3610, -47.9990, -4.7016



102.3700, 52.0756, -89.7785

Complementary

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



77.9520, 27.1387, 115.8061



132.0480, -27.1387, -115.8061

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.



97.2740, 27.4729, -85.3093



77.9520, 27.1387, 115.8061



76.6520, -36.3104, -67.2238

Square

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



77.9520, 27.1387, 115.8061



103.2620, -50.9082, 41.8662



89.0490, -1.5032, -78.0960



99.9200, 68.0734, -87.6298

Rectangle

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



77.9520, 27.1387, 115.8061



94.5980, -33.3258, 95.9456



89.0490, -1.5032, -78.0960



101.1330, 44.7974, -88.6936

Sweetspot

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



77.9520, 27.1387, 115.8061



207.1960, 9.7634, 41.9241



46.9630, 80.3772, 26.3424



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.



77.9520, 27.1387, 115.8061



94.5990, 32.7357, 140.6717



65.9820, -18.7251, 126.3038



98.0870, 1.4361, 6.0627



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Inverse Universe

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



77.9520, 27.1387, 115.8061



94.5990, 32.7357, 140.6717



144.0180, 18.7251, -126.3038



98.0870, 1.4361, 6.0627



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 77.9520, 27.1387, 115.8061 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 77.9520, 27.1387, 115.8061 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 77.9520, 27.1387, 115.8061

Background



This preview shows how black text looks on a background with the YUV color 77.9520, 27.1387, 115.8061.



This preview shows how white text looks on a background with the YUV color 77.9520, 27.1387,

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

77.9520, 27.1387, 115.8061

Protanopia

108.3670, 40.2451, -28.3859

Deuteranopia

112.5150, 5.6621, 3.9333



Tritanopia

98.5620, -21.9691, 93.3461

Trichromacy



Original Color

77.9520, 27.1387, 115.8061



Protanomaly

97.1440, 35.4250, 24.4297



Deuteranomaly

100.1300, 13.2469, 44.6130



Tritanomaly

91.3130, -4.0983, 101.4575

Monochromacy



Original Color

77.9520, 27.1387, 115.8061



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

78.1960, 9.7634, 41.9241

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9520, 27.1387, 115.8061 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(210, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(210, 0, 133)  
}
```

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(210, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 133) }
```

Border

The CSS property to change the border of an element to YUV 77.9520, 27.1387, 115.8061 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(210, 0, 133) }
```


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

```
.border{ border-color:rgb(210, 0, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 0, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(210, 0,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 77.9520, 27.1387, 115.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 0, 133) }
```

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

```
.background{ background-color: rgb(210, 0,  
133) }
```

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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