

Converting Colors

YUV(108.8130, 27.7002,
75.5860)

Have a look what the booklet for
YUV(108.8130, 27.7002, 75.5860)
contains.

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Color

**YUV(108.8130, 27.7002,
75.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	C336A5
RGB	195, 54, 165
RGB Percent	76%, 21%, 65%
CMY	0.2353, 0.7882, 0.3529
CMYK	0.00, 0.72, 0.15, 0.24
HSL	313°, 57%, 49%
HSV	313°, 72%, 76%
XYZ	30.6164, 16.9570, 37.2567
YIQ	108.8130, 48.4050, 64.4130

Conversions

Conversions Part 2

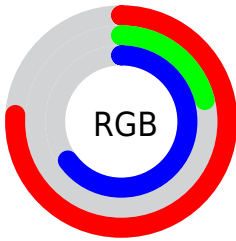
Format	Color
R_{YB}	195, 54, 165
Decimal	12793509
CIE _{Lab}	48.21, 66.00, -29.19
CIE _{LCh}	48, 72.165, 336.143
Yxy	16.9570, 0.3609, 0.1999
Android (android.graphics.Color)	4290983589 (0xFFC336A5)
YUV	108.8130, 27.7002, 75.5860
Hunter-Lab	41.1789, 60.6509, -24.8174

Details

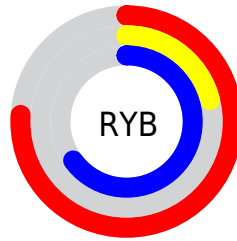
The YUV color **108.8130, 27.7002, 75.5860** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **140.1870, -27.7002, -75.5860**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6560, 25.8056, 76.6007**, and **53.8450, 29.1634, 72.9269** is the 20% darker color. If you saturate the color by 10%, you get **97.2040, 31.4514, 85.7671**, and if you desaturate by 10%, it is **121.0090, 23.6596, 64.8901**.

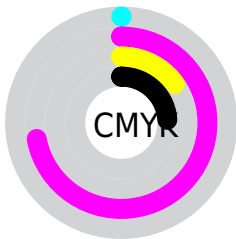
Distribution



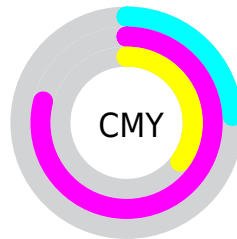
- Red (76%)
- Green (21%)
- Blue (65%)



- Red (76%)
- Yellow (21%)
- Blue (65%)



- Cyan (0%)
- Magenta (72%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (79%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.8130, 27.7002, 75.5860 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 108.8130, 27.7002, 75.5860 by changing the saturation by 10% instead.


 108.8130, 27.7002,
75.5860


 108.8130, 27.7002,
75.5860


255.0000, 0.0000,
0.0000


 72.4100, 32.3359,
82.0784


 167.6560, 25.8056,
76.6007


 53.8450, 29.1634,
72.9269


 187.9850, 30.0804,
58.7722

 42.6230, 22.3709,
58.2126


 205.1050, 24.5982,
43.7579

 31.8140, 15.8677,
44.0131

 222.1280, 16.2059,
28.8287

 21.8310, 9.9433,
30.8432

 239.7380, 7.5242,
13.3848

 9.3420, 4.7614,
12.8551

 0.0000, 0.0000,

0.0000

■ 108.8130, 27.7002,
75.5860

■ 108.8130, 27.7002,
75.5860

■ 97.2040, 31.4514,
85.7671

■ 121.0090, 23.6596,
64.8901

■ 85.0080, 35.4921,
96.4630

■ 132.6180, 19.9083,
54.7090

■ 75.8610, 38.5225,
104.4849

■ 144.2270, 16.1571,
44.5279

■ 156.5370, 12.5533,
33.7321

■ 168.7330, 8.5126,
23.0362

■ 180.3420, 4.7614,
12.8551

■ 191.9510, 1.0102,
2.6740

■ 204.1470, -3.0305,
-8.0219

■ 216.3430, -7.0711,
-18.7178

Harmonies

Analogous

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



116.0850, 48.2721, 10.4495



108.8130, 27.7002, 75.5860



94.4740, 5.1893, 109.2093

Triad

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



108.8130, 27.7002, 75.5860



106.3640, -52.4375, 18.9748



103.2700, 40.2929, -90.5678

Complementary

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



108.8130, 27.7002, 75.5860



140.1870, -27.7002, -75.5860

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.



96.5440, 14.5218, -84.6691



108.8130, 27.7002, 75.5860



94.5490, -46.6127, -29.4225

Square

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



108.8130, 27.7002, 75.5860



106.9270, -52.7150, 61.4540



87.9600, -13.2913, -77.1409



104.5360, 60.3748, -91.6781

Rectangle

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



108.8130, 27.7002, 75.5860



98.9960, -16.7600, 102.6125



87.9600, -13.2913, -77.1409



101.2180, 32.4305, -88.7682

Sweetspot

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



108.8130, 27.7002, 75.5860



218.4610, 11.1117, 29.4137



78.4460, 57.4611, 3.1169



107.1300, 6.3449, 18.3030



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.



108.8130, 27.7002, 75.5860



118.2030, 43.2839, 117.3400



100.9470, -2.4389, 82.4845



90.9020, 2.0203, 5.3479



62.5030, 31.3040, 86.3819



12.8310, 6.4923, 17.6882

Inverse Universe

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



108.8130, 27.7002, 75.5860



118.2030, 43.2839, 117.3400



148.0530, 2.4389, -82.4845



90.9020, 2.0203, 5.3479



62.5030, 31.3040, 86.3819



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 108.8130, 27.7002, 75.5860 looks on a white background.

Color Contrast Check

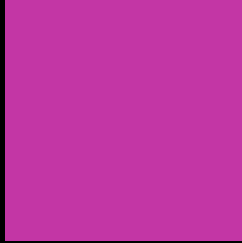
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.8130, 27.7002, 75.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

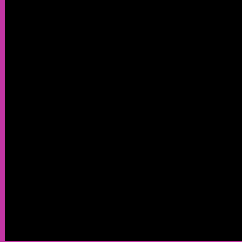
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.8130, 27.7002, 75.5860

Background



This preview shows how black text looks on a background with the YUV color 108.8130, 27.7002, 75.5860.



This preview shows how white text looks on a background with the YUV color 108.8130, 27.7002, 75.5860.

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

108.8130, 27.7002, 75.5860

Protanopia

108.8630, 51.3395, -40.2219

Deuteranopia

115.4990, 19.9670, -10.9616



Tritanopia

112.5630, -13.5886, 65.2812

Trichromacy



Original Color

108.8130, 27.7002, 75.5860

Protanomaly

108.9500, 42.9157, 1.7979

Deuteranomaly

112.7940, 22.7796, 20.3517

Tritanomaly

111.4830, 1.2409, 68.8594

Monochromacy



Original Color

108.8130, 27.7002, 75.5860

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8090, 9.9542, 27.3545

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8130, 27.7002, 75.5860 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(195, 54, 165)` looks like.

```
.text, #text, p{  
    color:rgb(195, 54, 165)  
}
```

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(195, 54, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 54, 165) }
```

Border

The CSS property to change the border of an element to YUV 108.8130, 27.7002, 75.5860 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(195, 54, 165) }
```


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

```
.border{ border-color:rgb(195, 54, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 54, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 54, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 54, 165); box-shadow:4px 4px 4px 4px rgb(195, 54, 165) }
```

Background

The CSS property to change the background color of an element to YUV 108.8130, 27.7002, 75.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 54, 165) }
```

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

```
.background{ background-color: rgb(195, 54,  
165) }
```

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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