

Converting Colors

YUV(113.0220, 20.6952,
82.4187)

Have a look what the booklet for
YUV(113.0220, 20.6952, 82.4187)
contains.

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Color

**YUV(113.0220, 20.6952,
82.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	CF399B
RGB	207, 57, 155
RGB Percent	81%, 22%, 61%
CMY	0.1882, 0.7765, 0.3922
CMYK	0.00, 0.72, 0.25, 0.19
HSL	321°, 61%, 52%
HSV	321°, 72%, 81%
XYZ	33.1116, 18.5582, 32.8473
YIQ	113.0220, 57.9420, 62.2780

Conversions

Conversions Part 2

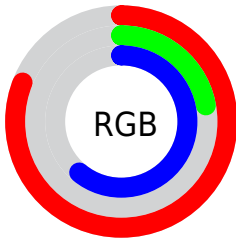
Format	Color
R_{YB}	207, 57, 155
Decimal	13580699
CIE _{Lab}	50.17, 66.62, -20.06
CIE _{LCh}	50, 69.571, 343.245
Yxy	18.5582, 0.3918, 0.2196
Android (android.graphics.Color)	4291770779 (0xFFCF399B)
YUV	113.0220, 20.6952, 82.4187
Hunter-Lab	43.0792, 61.8103, -15.0522

Details

The YUV color **113.0220, 20.6952, 82.4187** 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 **150.9780, -20.6952, -82.4187**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8640, 20.2800, 75.5413**, and **56.1080, 23.6108, 80.5893** is the 20% darker color. If you saturate the color by 10%, you get **99.8970, 23.7148, 93.9293**, and if you desaturate by 10%, it is **126.1470, 17.6755, 70.9081**.

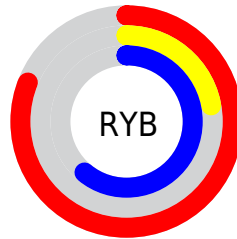
Distribution



Red (81%)

Green (22%)

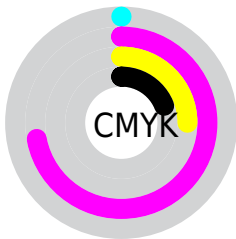
Blue (61%)



Red (81%)

Yellow (22%)

Blue (61%)

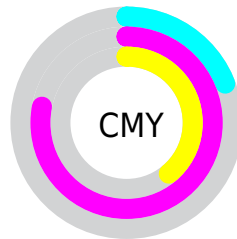


Cyan (0%)

Magenta (72%)

Yellow (25%)

Black (19%)



Cyan (19%)

Magenta (78%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0220, 20.6952, 82.4187 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 113.0220, 20.6952, 82.4187 by changing the saturation by 10% instead.

■ 113.0220, 20.6952,
82.4187

■ 113.0220, 20.6952,
82.4187

255.0000, 0.0000,
0.0000

■ 77.0210, 25.6256,
87.6816

■ 168.8640, 20.2800,
75.5413

■ 56.1080, 23.6108,
80.5893

■ 188.4920, 24.4074,
58.3275

■ 44.8860, 16.8182,
65.8750

■ 207.4530, 23.4407,
41.6987

■ 33.8920, 10.8992,
50.9607

■ 224.4760, 15.0483,
26.7695

■ 23.7240, 5.5591,
37.0761

■ 242.0860, 6.3666,
11.3256

■ 12.0890, -1.5229,
21.8469

■ 0.0000, 0.0000,

0.0000

■ 113.0220, 20.6952,
82.4187

■ 113.0220, 20.6952,
82.4187

■ 99.8970, 23.7148,
93.9293

■ 126.1470, 17.6755,
70.9081

■ 87.3590, 26.4450,
104.9252

■ 138.6850, 14.9453,
59.9123

■ 77.2830, 28.4545,
113.7618

■ 151.9240, 12.3625,
48.3017

■ 165.0490, 9.3428,
36.7910

■ 178.1740, 6.3232,
25.2804

■ 190.7120, 3.5930,
14.2846

■ 203.8370, 0.5734,
2.7740

■ 216.9620, -2.4463,
-8.7367

■ 229.6140, -4.7397,
-19.8325

Harmonies

Analogous

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



122.1750, 41.8187, 27.0335



113.0220, 20.6952, 82.4187



105.4980, -4.6825, 102.1723

Triad

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



113.0220, 20.6952, 82.4187



109.2550, -53.8627, 9.4234



107.3280, 45.6873, -94.1267

Complementary

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



113.0220, 20.6952, 82.4187



150.9780, -20.6952, -82.4187

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.



101.6450, 21.3740, -89.1427



113.0220, 20.6952, 82.4187



95.7690, -40.3121, -43.6474

Square

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



113.0220, 20.6952, 82.4187



112.1770, -55.3033, 51.5878



93.4030, -5.1287, -81.9144



105.9210, 63.1429, -92.8927

Rectangle

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



113.0220, 20.6952, 82.4187



109.0520, -25.1686, 92.9164



93.4030, -5.1287, -81.9144



105.9770, 37.9723, -92.9418

Sweetspot

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



113.0220, 20.6952, 82.4187



219.9620, 7.9067, 30.7283



89.0500, 58.1493, 15.7422



106.6740, 4.5977, 18.7029



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.



113.0220, 20.6952, 82.4187



115.9080, 30.6114, 121.9837



104.7000, -11.1911, 89.7171



98.0870, 1.4361, 6.0627



62.7720, 23.2834, 92.2850



15.3370, 5.7499, 22.5065

Inverse Universe

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



113.0220, 20.6952, 82.4187



115.9080, 30.6114, 121.9837



159.3000, 11.1911, -89.7171



98.0870, 1.4361, 6.0627



62.7720, 23.2834, 92.2850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 113.0220, 20.6952, 82.4187 looks on a white background.

Color Contrast Check

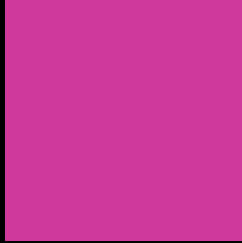
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 113.0220, 20.6952, 82.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

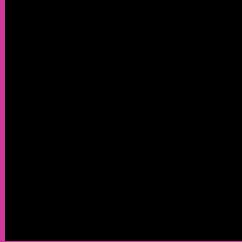
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.0220, 20.6952, 82.4187

Background



This preview shows how black text looks on a background with the YUV color 113.0220, 20.6952, 82.4187.



This preview shows how white text looks on a background with the YUV color 113.0220, 20.6952, 82.4187.

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

113.0220, 20.6952, 82.4187

Protanopia

117.0080, 41.4081, -28.0710

Deuteranopia

120.7190, 12.9565, -2.3846



Tritanopia

115.3470, -15.9471, 75.1177

Trichromacy



Original Color

113.0220, 20.6952, 82.4187



Protanomaly

115.3120, 33.8632, 12.0044



Deuteranomaly

117.7150, 15.9165, 28.3139



Tritanomaly

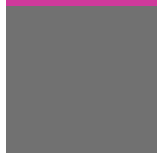
114.2130, -2.5700, 77.8662

Monochromacy



Original Color

113.0220, 20.6952, 82.4187



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.1360, 7.3280, 29.6987

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0220, 20.6952, 82.4187 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(207, 57, 155)` looks like.

```
.text, #text, p{  
    color:rgb(207, 57, 155)  
}
```

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(207, 57, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 57, 155) }
```

Border

The CSS property to change the border of an element to YUV 113.0220, 20.6952, 82.4187 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(207, 57, 155) }
```


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

```
.border{ border-color:rgb(207, 57, 155) }
```

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

Here you see how a box with a 4 pixel rgb(207, 57, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 57, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 57, 155);  
box-shadow:4px 4px 4px 4px rgb(207, 57,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 113.0220, 20.6952, 82.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 57, 155) }
```

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

```
.background{ background-color: rgb(207, 57,  
155) }
```

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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