

Converting Colors

YUV(108.3320, 20.5423,
84.7778)

Have a look what the booklet for
YUV(108.3320, 20.5423, 84.7778)
contains.

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Color

**YUV(108.3320, 20.5423,
84.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	CD3396
RGB	205, 51, 150
RGB Percent	80%, 20%, 59%
CMY	0.1961, 0.8000, 0.4118
CMYK	0.00, 0.75, 0.27, 0.20
HSL	321°, 61%, 50%
HSV	321°, 75%, 80%
XYZ	31.8657, 17.5488, 30.5619
YIQ	108.3320, 60.0050, 63.4370

Conversions

Conversions Part 2

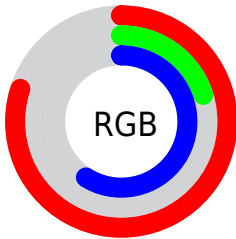
Format	Color
R_{YB}	205, 51, 150
Decimal	13448086
CIE _{Lab}	48.94, 67.42, -18.98
CIE _{LCh}	49, 70.036, 344.279
Yxy	17.5488, 0.3984, 0.2194
Android (android.graphics.Color)	4291638166 (0xFFCD3396)
YUV	108.3320, 20.5423, 84.7778
Hunter-Lab	41.8913, 62.4709, -13.9313

Details

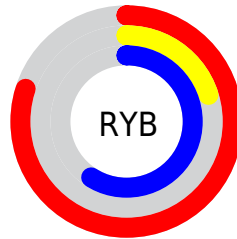
The YUV color **108.3320, 20.5423, 84.7778** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **147.6680, -20.5423, -84.7778**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2450, 19.1062, 78.7151**, and **54.9400, 21.7216, 79.8596** is the 20% darker color. If you saturate the color by 10%, you get **95.2070, 23.5619, 96.2885**, and if you desaturate by 10%, it is **120.8700, 17.8121, 73.7820**.

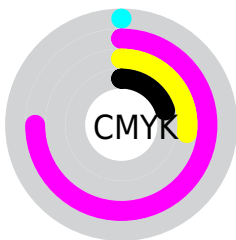
Distribution



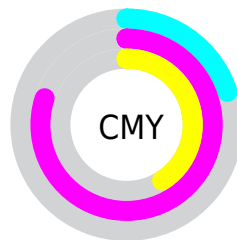
- Red (80%)
- Green (20%)
- Blue (59%)



- Red (80%)
- Yellow (20%)
- Blue (59%)



- Cyan (0%)
- Magenta (75%)
- Yellow (27%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.3320, 20.5423, 84.7778 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 108.3320, 20.5423, 84.7778 by changing the saturation by 10% instead.


 108.3320, 20.5423,
84.7778

 108.3320, 20.5423,
84.7778


255.0000, 0.0000,
0.0000


 67.0480, 28.0773,
94.6739

 165.2450, 19.1062,
78.7151


 54.9400, 21.7216,
79.8596


 185.5740, 23.3810,
60.8866


 43.8320, 15.3658,
65.0453


 205.1050, 24.5982,
43.7579

 32.5390, 9.5943,
49.5163

 222.1280, 16.2059,
28.8287

 22.3710, 4.2541,
35.6316

 239.1510, 7.8136,
13.8996

 10.2800, -4.5750,
20.8024

 0.0000, 0.0000,

0.0000

■ 108.3320, 20.5423,
84.7778

■ 108.3320, 20.5423,
84.7778

■ 95.2070, 23.5619,
96.2885

■ 120.8700, 17.8121,
73.7820

■ 82.5550, 25.8554,
107.3843

■ 134.1090, 15.2293,
62.1714

■ 76.3430, 27.4389,
112.8322

■ 146.6470, 12.4990,
51.1756

■ 159.7720, 9.4794,
39.6650

■ 172.4240, 7.1860,
28.5692

■ 185.5490, 4.1663,
17.0585

■ 198.6740, 1.1467,
5.5479

■ 211.3260, -1.1467,
-5.5479

■ 223.8640, -3.8770,
-16.5437

Harmonies

Analogous

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



118.6700, 41.0817, 30.1074



108.3320, 20.5423, 84.7778



101.0960, -4.9773, 103.4018

Triad

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



108.3320, 20.5423, 84.7778



105.9990, -52.2575, 7.8939



104.8660, 46.4081, -91.9675

Complementary

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



108.3320, 20.5423, 84.7778



147.6680, -20.5423, -84.7778

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.



99.7700, 21.8054, -87.4983



108.3320, 20.5423, 84.7778



90.9750, -39.4277, -47.3361

Square

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



108.3320, 20.5423, 84.7778



109.5080, -53.9874, 49.5435



91.5280, -4.6973, -80.2701



103.8180, 62.7007, -91.0484

Rectangle

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



108.3320, 20.5423, 84.7778



104.9380, -25.6054, 93.0164



91.5280, -4.6973, -80.2701



103.5150, 38.6931, -90.7827

Sweetspot

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



108.3320, 20.5423, 84.7778



217.9730, 7.9013, 32.4727



84.7020, 59.3069, 17.8013



105.3860, 4.7397, 19.8325



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.



108.3320, 20.5423, 84.7778



110.6420, 30.7425, 126.6020



99.6680, -12.6543, 92.3762



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Inverse Universe

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



108.3320, 20.5423, 84.7778



110.6420, 30.7425, 126.6020



156.3320, 12.6543, -92.3762



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 108.3320, 20.5423, 84.7778 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 108.3320, 20.5423, 84.7778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

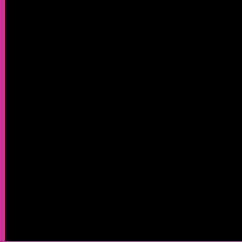
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.3320, 20.5423, 84.7778

Background



This preview shows how black text looks on a background with the YUV color 108.3320, 20.5423, 84.7778.



This preview shows how white text looks on a background with the YUV color 108.3320, 20.5423, 84.7778.

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

108.3320, 20.5423, 84.7778

Protanopia

113.8940, 40.9713, -27.9710

Deuteranopia

117.7900, 11.9355, -1.5698



Tritanopia

111.2440, -16.3893, 76.9620

Trichromacy



Original Color

108.3320, 20.5423, 84.7778

Protanomaly

111.9100, 33.5684, 13.2339

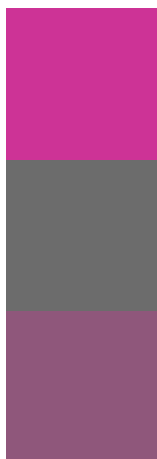
Deuteranomaly

114.1990, 15.1849, 29.6435

Tritanomaly

110.1100, -3.0122, 79.7105

Monochromacy



Original Color

108.3320, 20.5423, 84.7778

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8480, 7.4699, 30.8283

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3320, 20.5423, 84.7778 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(205, 51, 150)` looks like.

```
.text, #text, p{  
    color:rgb(205, 51, 150)  
}
```

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(205, 51, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 51, 150) }
```

Border

The CSS property to change the border of an element to YUV 108.3320, 20.5423, 84.7778 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(205, 51, 150) }
```


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

```
.border{ border-color:rgb(205, 51, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 51, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 51, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 51, 150);  
box-shadow:4px 4px 4px 4px rgb(205, 51,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 108.3320, 20.5423, 84.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 51, 150) }
```

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

```
.background{ background-color: rgb(205, 51,  
150) }
```

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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