

Converting Colors

YUV(116.5420, 25.3688,
76.7007)

Have a look what the booklet for
YUV(116.5420, 25.3688, 76.7007)
contains.

YUV(116.5420, 25.3688, 76.7007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.5420, 25.3688,
76.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3EA8
RGB	204, 62, 168
RGB Percent	80%, 24%, 66%
CMY	0.2000, 0.7569, 0.3412
CMYK	0.00, 0.70, 0.18, 0.20
HSL	315°, 58%, 52%
HSV	315°, 70%, 80%
XYZ	33.6923, 19.1098, 38.9586
YIQ	116.5420, 50.6060, 63.0700

Conversions

Conversions Part 2

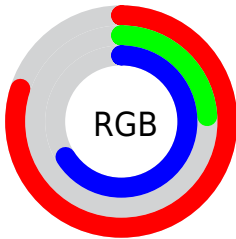
Format	Color
R_{YB}	204, 62, 168
Decimal	13385384
CIE _{Lab}	50.82, 65.86, -26.79
CIE _{LCh}	51, 71.104, 337.869
Yxy	19.1098, 0.3672, 0.2083
Android (android.graphics.Color)	4291575464 (0xFFCC3EA8)
YUV	116.5420, 25.3688, 76.7007
Hunter-Lab	43.7147, 61.0749, -22.2389

Details

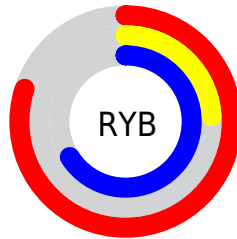
The YUV color **116.5420, 25.3688, 76.7007** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **149.4580, -25.3688, -76.7007**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1070, 25.0902, 72.6972**, and **56.8780, 29.1471, 78.1600** is the 20% darker color. If you saturate the color by 10%, you get **104.2320, 28.9726, 87.4965**, and if you desaturate by 10%, it is **128.8520, 21.7650, 65.9048**.

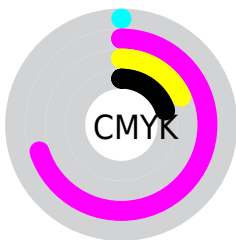
Distribution



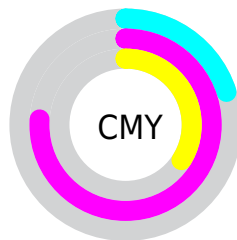
- Red (80%)
- Green (24%)
- Blue (66%)



- Red (80%)
- Yellow (24%)
- Blue (66%)



- Cyan (0%)
- Magenta (70%)
- Yellow (18%)
- Black (20%)



- Cyan (20%)
- Magenta (76%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5420, 25.3688, 76.7007 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 116.5420, 25.3688, 76.7007 by changing the saturation by 10% instead.

116.5420, 25.3688,
76.7007

116.5420, 25.3688,
76.7007

255.0000, 0.0000,
0.0000

83.6610, 28.2681,
80.1043

172.1070, 25.0902,
72.6972

56.8780, 29.1471,
78.1600

192.4360, 29.3651,
54.8686

45.6560, 22.3546,
63.4457

209.8010, 22.2831,
39.6395

34.5480, 15.9988,
48.6314

226.8240, 13.8908,
24.7104

24.5650, 10.0745,
35.4615

243.8470, 5.4984,
9.7812

13.0870, 4.8871,
19.2177

0.0000, 0.0000,

0.0000

■ 116.5420, 25.3688,
76.7007

■ 116.5420, 25.3688,
76.7007

■ 104.2320, 28.9726,
87.4965

■ 128.8520, 21.7650,
65.9048

■ 91.3350, 32.8658,
98.8072

■ 141.7490, 17.8717,
54.5941

■ 78.9110, 36.0329,
109.7031

■ 154.1730, 14.7047,
43.6983

■ 78.3240, 36.3223,
110.2179

■ 167.0700, 10.8115,
32.3876

■ 179.3800, 7.2077,
21.5917

■ 191.6900, 3.6038,
10.7959

■ 204.5870, -0.2894,
-0.5148

■ 216.8970, -3.8932,
-11.3107

■ 229.9080, -7.3496,
-22.7213

Harmonies

Analogous

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



123.0640, 46.8034, 14.8529



116.5420, 25.3688, 76.7007



106.3010, 0.8376, 104.9760

Triad

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



116.5420, 25.3688, 76.7007



112.2560, -55.3422, 17.3155



107.9320, 42.9245, -94.6564

Complementary

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



116.5420, 25.3688, 76.7007



149.4580, -25.3688, -76.7007

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.



101.7930, 16.8641, -89.2725



116.5420, 25.3688, 76.7007



99.5550, -49.0806, -31.1817

Square

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



116.5420, 25.3688, 76.7007



113.7050, -56.0566, 59.8947



93.3230, -10.5122, -81.8443



108.8560, 61.6960, -95.4667

Rectangle

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



116.5420, 25.3688, 76.7007



108.7630, -20.0962, 99.3088



93.3230, -10.5122, -81.8443



106.3530, 34.3360, -93.2716

Sweetspot

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



116.5420, 25.3688, 76.7007



221.7060, 9.5119, 29.1988



88.9520, 56.7187, 7.9351



108.1900, 5.3293, 17.3734



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.



116.5420, 25.3688, 76.7007



123.2260, 38.3426, 115.5658



108.5620, -5.2071, 83.6991



95.7880, 1.5835, 5.4479



63.7700, 29.6934, 89.6557



14.6680, 7.0657, 20.4622

Inverse Universe

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



116.5420, 25.3688, 76.7007



123.2260, 38.3426, 115.5658



157.5520, 5.6439, -83.7991



95.7880, 1.5835, 5.4479



63.7700, 29.6934, 89.6557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 116.5420, 25.3688, 76.7007 looks on a white background.

Color Contrast Check

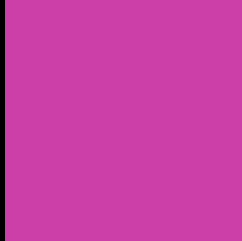
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5420, 25.3688, 76.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

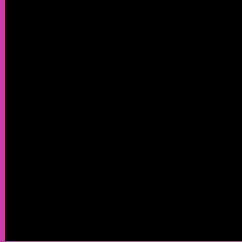
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.5420, 25.3688, 76.7007

Background



This preview shows how black text looks on a background with the YUV color 116.5420, 25.3688, 76.7007.



This preview shows how white text looks on a background with the YUV color 116.5420, 25.3688,

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

116.5420, 25.3688, 76.7007

Protanopia

117.5710, 47.5395, -34.7038

Deuteranopia

122.4670, 18.5038, -8.3026



Tritanopia

119.1720, -13.8888, 68.2552

Trichromacy



Original Color

116.5420, 25.3688, 76.7007



Protanomaly

117.0600, 39.4104, 6.0864



Deuteranomaly

120.3490, 21.0269, 22.4959



Tritanomaly

118.5650, 0.2145, 71.4185

Monochromacy



Original Color

116.5420, 25.3688, 76.7007



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.9940, 9.3700, 28.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5420, 25.3688, 76.7007 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(204, 62, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 62, 168)  
}
```

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(204, 62, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 62, 168) }
```

Border

The CSS property to change the border of an element to YUV 116.5420, 25.3688, 76.7007 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(204, 62, 168) }
```


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

```
.border{ border-color:rgb(204, 62, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 62, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 62, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 62, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 62,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 116.5420, 25.3688, 76.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 62, 168) }
```

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

```
.background{ background-color: rgb(204, 62,  
168) }
```

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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