

Converting Colors

YUV(122.9120, 20.7494,
64.9752)

Have a look what the booklet for
YUV(122.9120, 20.7494, 64.9752)
contains.

YUV(122.9120, 20.7494, 64.9752)	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(122.9120, 20.7494,
64.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	C54DA5
RGB	197, 77, 165
RGB Percent	77%, 30%, 65%
CMY	0.2275, 0.6980, 0.3529
CMYK	0.00, 0.61, 0.16, 0.23
HSL	316°, 51%, 54%
HSV	316°, 61%, 77%
XYZ	32.4714, 19.8947, 37.7259
YIQ	122.9120, 43.2720, 52.8080

Conversions

Conversions Part 2

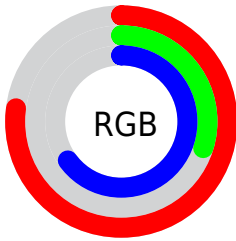
Format	Color
R_{YB}	197, 77, 165
Decimal	12930469
CIE _{Lab}	51.72, 57.65, -23.72
CIE _{LCh}	52, 62.336, 337.637
Yxy	19.8947, 0.3604, 0.2208
Android (android.graphics.Color)	4291120549 (0xFFC54DA5)
YUV	122.9120, 20.7494, 64.9752
Hunter-Lab	44.6035, 51.8921, -18.9255

Details

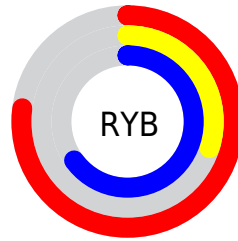
The YUV color **122.9120, 20.7494, 64.9752** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **151.0880, -20.7494, -64.9752**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8090, 20.3072, 66.8195**, and **60.0250, 26.1167, 70.1381** is the 20% darker color. If you saturate the color by 10%, you get **110.6020, 24.3532, 75.7710**, and if you desaturate by 10%, it is **135.2220, 17.1456, 54.1793**.

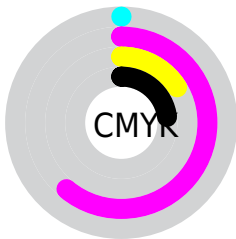
Distribution



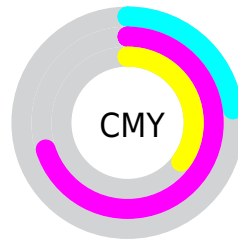
- Red (77%)
- Green (30%)
- Blue (65%)



- Red (77%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (61%)
- Yellow (16%)
- Black (23%)



- Cyan (23%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9120, 20.7494, 64.9752 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 122.9120, 20.7494, 64.9752 by changing the saturation by 10% instead.

■ 122.9120, 20.7494,
64.9752

■ 122.9120, 20.7494,
64.9752

255.0000, 0.0000,
0.0000

■ 94.2540, 22.0598,
64.6752

■ 178.8090, 20.3072,
66.8195

■ 60.0250, 26.1167,
70.1381

■ 198.5510, 24.8714,
49.5058

■ 43.5200, 21.9286,
60.0570

■ 216.2580, 19.0998,
33.9767

■ 32.8250, 15.8623,
45.7575

■ 232.6940, 10.9969,
19.5624

■ 22.7280, 9.5011,
32.6875

■ 250.3040, 2.3151,
4.1184

■ 11.9620, 4.4557,
17.5733

■ 0.0000, 0.0000,

0.0000

■ 122.9120, 20.7494,
64.9752

■ 122.9120, 20.7494,
64.9752

■ 110.6020, 24.3532,
75.7710

■ 135.2220, 17.1456,
54.1793

■ 98.7650, 27.2309,
86.1521

■ 147.0590, 14.2679,
43.7983

■ 86.4550, 30.8347,
96.9480

■ 159.3690, 10.6641,
33.0024

■ 75.3190, 33.8597,
106.7142

■ 171.6790, 7.0603,
22.2065

■ 183.9890, 3.4564,
11.4106

■ 195.8260, 0.5788,
1.0296

■ 208.1360, -3.0250,
-9.7663

■ 220.4460, -6.6289,
-20.5621

■ 232.1690, -9.9433,
-30.8432

Harmonies

Analogous

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



126.3320, 40.2623, 12.8638



122.9120, 20.7494, 64.9752



116.6920, -2.3132, 88.8471

Triad

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



122.9120, 20.7494, 64.9752



114.0390, -56.2212, 19.2598



107.0200, 39.4301, -93.8565

Complementary

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



122.9120, 20.7494, 64.9752



151.0880, -20.7494, -64.9752

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.



102.3800, 16.5747, -89.7873



122.9120, 20.7494, 64.9752



107.2920, -40.0770, -25.6891

Square

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



122.9120, 20.7494, 64.9752



116.9540, -53.7143, 55.2913



94.2350, -7.0179, -82.6441



107.4880, 56.4544, -94.2670

Rectangle

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



122.9120, 20.7494, 64.9752



116.5010, -19.4740, 86.3836



94.2350, -7.0179, -82.6441



105.7830, 32.1520, -92.7717

Sweetspot

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



122.9120, 20.7494, 64.9752



226.6300, 8.0704, 24.8805



100.2480, 47.6987, 7.6755



110.0650, 4.8980, 15.7290



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.



122.9120, 20.7494, 64.9752



140.1180, 31.9868, 100.7515



116.0720, -5.4585, 70.9739



93.4890, 1.7309, 4.8331



62.4170, 28.3884, 88.2113



13.7280, 6.0501, 19.5325

Inverse Universe

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



122.9120, 20.7494, 64.9752



140.1180, 31.9868, 100.7515



157.9280, 5.4585, -70.9739



93.4890, 1.7309, 4.8331



62.4170, 28.3884, 88.2113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 122.9120, 20.7494, 64.9752 looks on a white background.

Color Contrast Check

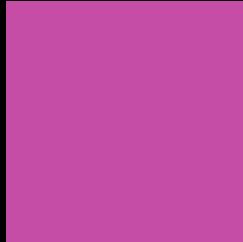
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9120, 20.7494, 64.9752 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 122.9120, 20.7494, 64.9752

Background



This preview shows how black text looks on a background with the YUV color 122.9120, 20.7494, 64.9752.



This preview shows how white text looks on a background with the YUV color 122.9120, 20.7494,

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

122.9120, 20.7494, 64.9752

Protanopia

121.6340, 38.6344, -25.1120

Deuteranopia

124.9080, 16.3144, -6.0583



Tritanopia

123.6870, -11.6777, 59.0335

Trichromacy



Original Color

122.9120, 20.7494, 64.9752



Protanomaly

122.1220, 31.9849, 7.7860



Deuteranomaly

124.5290, 17.9802, 19.7071



Tritanomaly

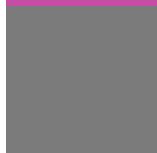
123.4990, 0.2470, 60.9524

Monochromacy



Original Color

122.9120, 20.7494, 64.9752



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.8040, 7.4916, 23.8509

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9120, 20.7494, 64.9752 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(197, 77, 165)` looks like.

```
.text, #text, p{  
    color:rgb(197, 77, 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(197, 77, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 77, 165) }
```

Border

The CSS property to change the border of an element to YUV 122.9120, 20.7494, 64.9752 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(197, 77, 165) }
```


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

```
.border{ border-color:rgb(197, 77, 165) }
```

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

Here you see how a box with a 4 pixel rgb(197, 77, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 77, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 77, 165);  
box-shadow:4px 4px 4px 4px rgb(197, 77,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 122.9120, 20.7494, 64.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 77, 165) }
```

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

```
.background{ background-color: rgb(197, 77,  
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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