

Converting Colors

YUV(121.2090, 10.2500,
72.6077)

Have a look what the booklet for
YUV(121.2090, 10.2500, 72.6077)
contains.

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Color

**YUV(121.2090, 10.2500,
72.6077)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC4B8E |
| RGB | 204, 75, 142 |
| RGB Percent | 80%, 29%, 56% |
| CMY | 0.2000, 0.7059, 0.4431 |
| CMYK | 0.00, 0.63, 0.30, 0.20 |
| HSL | 329°, 56%, 55% |
| HSV | 329°, 63%, 80% |
| XYZ | 32.3004, 19.8225, 27.7149 |
| YIQ | 121.2090, 55.3770, 48.1850 |

Conversions

Conversions Part 2

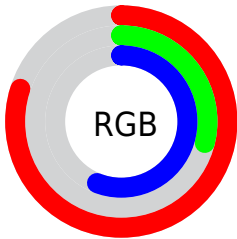
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 75, 142 |
| Decimal | 13388686 |
| CIE _{Lab} | 51.64, 57.39, -10.14 |
| CIE _{LCh} | 52, 58.275, 349.983 |
| Yxy | 19.8225, 0.4046, 0.2483 |
| Android (android.graphics.Color) | 4291578766 (0xFFCC4B8E) |
| YUV | 121.2090, 10.2500, 72.6077 |
| Hunter-Lab | 44.5225, 51.5847, -5.7418 |

Details

The YUV color **121.2090, 10.2500, 72.6077** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **157.7910, -10.2500, -72.6077**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4860, 10.1134, 69.7338**, and **55.3160, 18.0852, 79.5299** is the 20% darker color. If you saturate the color by 10%, you get **108.3290, 11.6698, 83.9035**, and if you desaturate by 10%, it is **134.0890, 8.8301, 61.3119**.

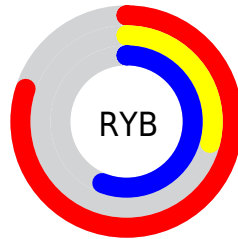
Distribution



Red (80%)

Green (29%)

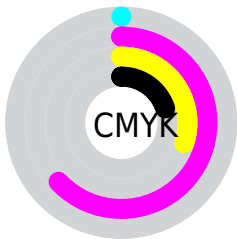
Blue (56%)



Red (80%)

Yellow (29%)

Blue (56%)

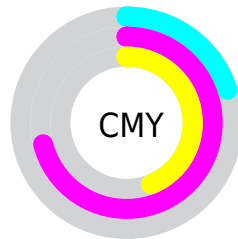


Cyan (0%)

Magenta (63%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (71%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.2090, 10.2500, 72.6077 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 121.2090, 10.2500, 72.6077 by changing the saturation by 10% instead.


 121.2090, 10.2500,
72.6077


 121.2090, 10.2500,
72.6077


255.0000, 0.0000,
0.0000

 92.5510, 11.5604,
72.3078


 175.4860, 10.1134,
69.7338


 55.3160, 18.0852,
79.5299

 195.1140, 14.2408,
52.5200


 43.0340, 12.3082,
65.7452


 214.7420, 18.3682,
35.3063

 32.1540, 6.8261,
50.7309

 232.1070, 11.2862,
20.0772

 22.1000, 1.9227,
36.7463

 249.1300, 2.8939,
5.1480

 10.5790, -4.7224,
21.4172

 0.0000, 0.0000,

0.0000

■ 121.2090, 10.2500,
72.6077

■ 121.2090, 10.2500,
72.6077

■ 108.3290, 11.6698,
83.9035

■ 134.0890, 8.8301,
61.3119

■ 94.8620, 13.3790,
95.7140

■ 147.5560, 7.1209,
49.5014

■ 82.0960, 15.2357,
106.9098

■ 160.3220, 5.2643,
38.3056

■ 73.0800, 16.2296,
114.8168

■ 173.7890, 3.5550,
26.4950

■ 186.6690, 2.1352,
15.1993

■ 199.5490, 0.7153,
3.9035

■ 213.0160, -0.9939,
-7.9070

■ 225.7820, -2.8505,
-19.1028

■ 236.9010, -3.4022,
-28.8542

Harmonies

Analogous

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



126.2440, 30.4457, 34.8660



121.2090, 10.2500, 72.6077



117.9010, -12.7692, 82.5248

Triad

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



121.2090, 10.2500, 72.6077



112.0800, -51.8044, 2.5608



106.6270, 45.5399, -93.5119

Complementary

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



121.2090, 10.2500, 72.6077



157.7910, -10.2500, -72.6077

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.



103.4860, 25.8894, -90.7572



121.2090, 10.2500, 72.6077



103.5850, -24.4454, -46.1170

Square

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



121.2090, 10.2500, 72.6077



116.1000, -55.2653, 39.3773



96.9710, 3.4653, -85.0436



103.9660, 58.1908, -91.1782

Rectangle

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



121.2090, 10.2500, 72.6077



118.7200, -28.4560, 73.9136



96.9710, 3.4653, -85.0436



106.3190, 39.2827, -93.2418

Sweetspot

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



121.2090, 10.2500, 72.6077



224.2020, 3.8444, 27.0098



107.6460, 47.5025, 23.9895



108.6800, 2.1298, 16.9436



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.



121.2090, 10.2500, 72.6077



130.5200, 15.5196, 109.1690



114.0270, -17.2683, 78.9063



95.5600, 0.7099, 5.6479



59.4380, 13.0951, 93.4549



13.6420, 3.1345, 21.3620

Inverse Universe

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



121.2090, 10.2500, 72.6077



130.5200, 15.5196, 109.1690



164.9730, 17.2683, -78.9063



95.5600, 0.7099, 5.6479



59.4380, 13.0951, 93.4549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 121.2090, 10.2500, 72.6077 looks on a white background.

Color Contrast Check

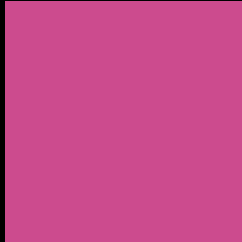
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2090, 10.2500, 72.6077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

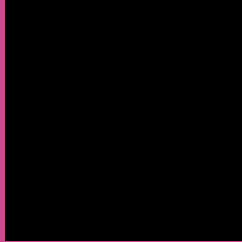
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.2090, 10.2500, 72.6077

Background



This preview shows how black text looks on a background with the YUV color 121.2090, 10.2500, 72.6077.



This preview shows how white text looks on a background with the YUV color 121.2090, 10.2500,

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

121.2090, 10.2500, 72.6077

Protanopia

123.4430, 24.9246, -14.4205

Deuteranopia

124.7000, 5.0779, 4.6481



Tritanopia

121.3570, -14.4730, 68.9699

Trichromacy



Original Color

121.2090, 10.2500, 72.6077

Protanomaly

122.5610, 19.4434, 17.0480

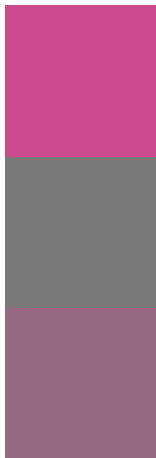
Deuteranomaly

123.7230, 7.0386, 29.1839

Tritanomaly

121.3600, -5.6005, 69.8443

Monochromacy



Original Color

121.2090, 10.2500, 72.6077

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9030, 3.9918, 26.3951

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2090, 10.2500, 72.6077 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, 75, 142)` looks like.

```
.text, #text, p{  
    color:rgb(204, 75, 142)  
}
```

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, 75, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 75, 142) }
```

Border

The CSS property to change the border of an element to YUV 121.2090, 10.2500, 72.6077 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, 75, 142) }
```


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

```
.border{ border-color:rgb(204, 75, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 75, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 75, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 75, 142);  
box-shadow:4px 4px 4px 4px rgb(204, 75,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 121.2090, 10.2500, 72.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 75, 142) }
```

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

```
.background{ background-color: rgb(204, 75,  
142) }
```

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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