

Converting Colors

YUV(127.2120, 15.6715,
60.3271)

Have a look what the booklet for
YUV(127.2120, 15.6715, 60.3271)
contains.

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Color

**YUV(127.2120, 15.6715,
60.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	C4569F
RGB	196, 86, 159
RGB Percent	77%, 34%, 62%
CMY	0.2314, 0.6627, 0.3765
CMYK	0.00, 0.56, 0.19, 0.23
HSL	320°, 48%, 55%
HSV	320°, 56%, 77%
XYZ	32.3507, 20.8945, 35.1289
YIQ	127.2120, 42.1270, 46.0230

Conversions

Conversions Part 2

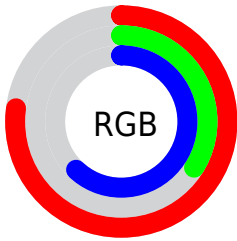
Format	Color
R_{YB}	196, 86, 159
Decimal	12867231
CIE _{Lab}	52.83, 52.40, -18.49
CIE _{LCh}	53, 55.571, 340.563
Yxy	20.8945, 0.3661, 0.2364
Android (android.graphics.Color)	4291057311 (0xFFC4569F)
YUV	127.2120, 15.6715, 60.3271
Hunter-Lab	45.7105, 46.3364, -13.5674

Details

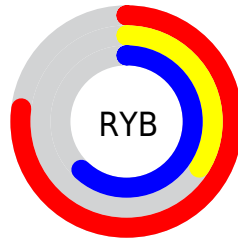
The YUV color **127.2120, 15.6715, 60.3271** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **154.7880, -15.6715, -60.3271**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8210, 15.3712, 63.3010**, and **70.7820, 17.8555, 59.8272** is the 20% darker color. If you saturate the color by 10%, you get **114.6740, 18.4017, 71.3229**, and if you desaturate by 10%, it is **139.7500, 12.9413, 49.3312**.

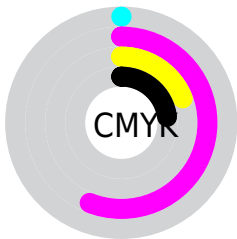
Distribution



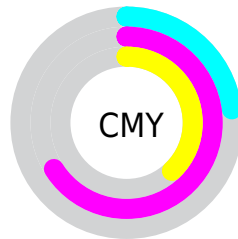
- Red (77%)
- Green (34%)
- Blue (62%)



- Red (77%)
- Yellow (34%)
- Blue (62%)



- Cyan (0%)
- Magenta (56%)
- Yellow (19%)
- Black (23%)





- Cyan (23%)
- Magenta (66%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.2120, 15.6715, 60.3271 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 127.2120, 15.6715, 60.3271 by changing the saturation by 10% instead.


 127.2120, 15.6715,
60.3271


 127.2120, 15.6715,
60.3271

255.0000, 0.0000,
0.0000


 99.7280, 16.4031,
58.9975


 182.8210, 15.3712,
63.3010

 70.7820, 17.8555,
59.8272


 202.4490, 19.4986,
46.0872

 42.9500, 19.7447,
60.5568

 220.3670, 17.0741,
30.3731

 32.2550, 13.6783,
46.2574

 237.3900, 8.6817,
15.4440

 22.2720, 7.7539,
33.0875

254.4130, 0.2894,
0.5148

 11.5770, 1.6875,
18.7880

 0.0000, 0.0000,

0.0000

■ 127.2120, 15.6715,
60.3271

■ 127.2120, 15.6715,
60.3271

■ 114.6740, 18.4017,
71.3229

■ 139.7500, 12.9413,
49.3312

■ 102.8370, 21.2794,
81.7040

■ 151.5870, 10.0636,
38.9502

■ 90.2990, 24.0096,
92.6998

■ 164.1250, 7.3334,
27.9544

■ 78.4620, 26.8872,
103.0808

■ 175.9620, 4.4557,
17.5733

■ 73.4240, 27.8920,
107.4992

■ 188.5000, 1.7255,
6.5775

■ 201.0380, -1.0047,
-4.4183

■ 212.8750, -3.8824,
-14.7994

■ 225.4130, -6.6126,
-25.7952

■ 233.1410, -7.4645,
-32.5727

Harmonies

Analogous

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



129.7580, 34.1363, 17.7522



127.2120, 15.6715, 60.3271



123.0020, -5.9170, 78.0512

Triad

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



127.2120, 15.6715, 60.3271



117.9120, -50.2426, 14.9862



107.6070, 39.1407, -94.3713

Complementary

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



127.2120, 15.6715, 60.3271



154.7880, -15.6715, -60.3271

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.



103.6510, 18.9061, -90.9019



127.2120, 15.6715, 60.3271



112.1700, -31.6358, -26.4591

Square

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



127.2120, 15.6715, 60.3271



121.3750, -45.5409, 47.0291



96.7770, -2.3551, -84.8734



106.8040, 53.8336, -93.6671

Rectangle

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



127.2120, 15.6715, 60.3271



122.6800, -21.0412, 75.7026



96.7770, -2.3551, -84.8734



106.5980, 32.7362, -93.4864

Sweetspot

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



127.2120, 15.6715, 60.3271



228.0490, 5.8918, 23.6360



109.6030, 42.5937, 11.7492



111.7120, 3.5930, 14.2846



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.



127.2120, 15.6715, 60.3271



148.1250, 24.5884, 93.7294



120.9420, -8.3524, 65.8259



90.7880, 1.5835, 5.4479



60.3370, 23.0049, 88.2815



12.3750, 4.7451, 18.0881

Inverse Universe

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



127.2120, 15.6715, 60.3271



148.1250, 24.5884, 93.7294



161.0580, 8.3524, -65.8259



90.7880, 1.5835, 5.4479



60.3370, 23.0049, 88.2815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 127.2120, 15.6715, 60.3271 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 127.2120, 15.6715, 60.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

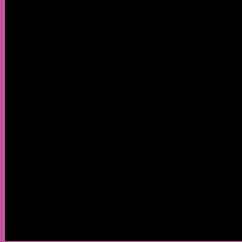
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.2120, 15.6715, 60.3271

Background



This preview shows how black text looks on a background with the YUV color 127.2120, 15.6715, 60.3271.



This preview shows how white text looks on a background with the YUV color 127.2120, 15.6715,

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

127.2120, 15.6715, 60.3271

Protanopia

126.2020, 30.4664, -18.5942

Deuteranopia

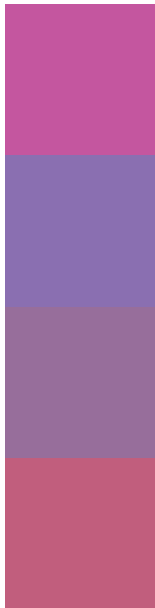
127.9040, 12.3723, -1.6698



Tritanopia

126.6050, -10.6513, 56.4744

Trichromacy



Original Color

127.2120, 15.6715, 60.3271

Protanomaly

126.5970, 24.8487, 10.0004

Deuteranomaly

127.3890, 13.6122, 20.7068

Tritanomaly

127.1350, -1.0526, 57.7636

Monochromacy



Original Color

127.2120, 15.6715, 60.3271

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0380, 5.8973, 21.8917

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2120, 15.6715, 60.3271 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(196, 86, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 86, 159)  
}
```

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(196, 86, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 86, 159) }
```

Border

The CSS property to change the border of an element to YUV 127.2120, 15.6715, 60.3271 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(196, 86, 159) }
```


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

```
.border{ border-color:rgb(196, 86, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 86, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 86, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 86, 159);  
box-shadow:4px 4px 4px 4px rgb(196, 86,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 127.2120, 15.6715, 60.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 86, 159) }
```

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

```
.background{ background-color: rgb(196, 86,  
159) }
```

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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