

Converting Colors

YUV(157.6920, 24.3088,
43.2431)

Have a look what the booklet for
YUV(157.6920, 24.3088, 43.2431)
contains.

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Color

**YUV(157.6920, 24.3088,
43.2431)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7BCF
RGB	207, 123, 207
RGB Percent	81%, 48%, 81%
CMY	0.1882, 0.5176, 0.1882
CMYK	0.00, 0.41, 0.00, 0.19
HSL	300°, 47%, 65%
HSV	300°, 41%, 81%
XYZ	44.0776, 31.9363, 62.8727
YIQ	157.6920, 23.1000, 43.9320

Conversions

Conversions Part 2

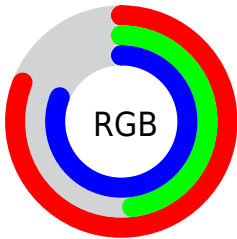
Format	Color
R_{YB}	207, 123, 207
Decimal	13597647
CIE _{Lab}	63.29, 45.25, -29.84
CIE _{LCh}	63, 54.201, 326.599
Yxy	31.9363, 0.3174, 0.2299
Android (android.graphics.Color)	4291787727 (0xFFCF7BCF)
YUV	157.6920, 24.3088, 43.2431
Hunter-Lab	56.5122, 40.3274, -26.4045

Details

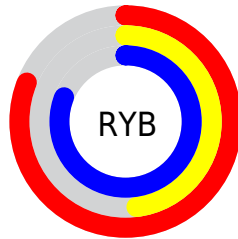
The YUV color $157.6920, 24.3088, 43.2431$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $172.3080, -24.3088, -43.2431$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.2140, 22.5725, 40.1543$, and $104.1540, 23.5881, 41.0839$ is the 20% darker color. If you saturate the color by 10%, you get $145.3650, 30.3861, 54.0539$, and if you desaturate by 10%, it is $170.0190, 18.2316, 32.4323$.

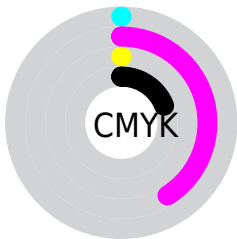
Distribution



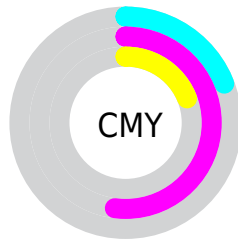
- Red (81%)
- Green (48%)
- Blue (81%)



- Red (81%)
- Yellow (48%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (52%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.6920, 24.3088, 43.2431 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 157.6920, 24.3088, 43.2431 by changing the saturation by 10% instead.


 157.6920, 24.3088,
43.2431


 157.6920, 24.3088,
43.2431


255.0000, 0.0000,
0.0000

 130.8660, 23.7301,
42.2135


 209.2140, 22.5725,
40.1543


 104.1540, 23.5881,
41.0839


 225.6500, 14.4696,
25.7400

 77.8550, 23.7355,
40.4692

 242.6730, 6.0772,
10.8108

 49.9090, 25.1879,
41.2988

 30.3060, 23.0201,
36.5656

 20.5080, 16.5116,
24.1105

 9.3290, 11.1768,

8.4815

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 157.6920, 24.3088,
43.2431

■ 157.6920, 24.3088,
43.2431

■ 145.3650, 30.3861,
54.0539

■ 170.0190, 18.2316,
32.4323

■ 133.6250, 36.1739,
64.3499

■ 181.7590, 12.4438,
22.1364

■ 121.2980, 42.2511,
75.1607

■ 194.0860, 6.3666,
11.3256

■ 108.9710, 48.3283,
85.9714

■ 206.4130, 0.2894,
0.5148

■ 97.2310, 54.1161,
96.2674

■ 218.7400, -5.7878,
-10.2960

■ 85.4910, 59.9039,
106.5634

■ 230.4800,
-11.5756, -20.5920

■ 235.1760,
-13.8908, -24.7104

Harmonies

Analogous

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



154.9550, 41.9272, -7.8535



157.6920, 24.3088, 43.2431



154.6730, 3.1192, 73.0778

Triad

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



157.6920, 24.3088, 43.2431



148.5920, -48.1129, 31.9298



125.5420, 34.2428, -110.1003

Complementary

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



157.6920, 24.3088, 43.2431



172.3080, -24.3088, -43.2431

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.



120.5430, 12.5503, -105.7162



157.6920, 24.3088, 43.2431



143.5980, -40.7208, -5.7864

Square

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



157.6920, 24.3088, 43.2431



151.2980, -38.6009, 61.1287



134.2620, -17.8772, -52.8498



126.9390, 52.2881, -111.3255

Rectangle

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



157.6920, 24.3088, 43.2431



152.1070, -11.8848, 78.8362



134.2620, -17.8772, -52.8498



124.3050, 26.9646, -109.0155

Sweetspot

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



157.6920, 24.3088, 43.2431



236.8030, 8.9711, 15.9588



132.5760, 36.6910, -8.3982



117.4340, 5.2090, 9.2664



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.



157.6920, 24.3088, 43.2431



181.6250, 36.1739, 64.3499



152.9040, 5.9633, 47.4422



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Inverse Universe

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



157.6920, 24.3088, 43.2431



181.6250, 36.1739, 64.3499



177.0960, -5.9633, -47.4422



98.5430, 3.1833, 5.6628



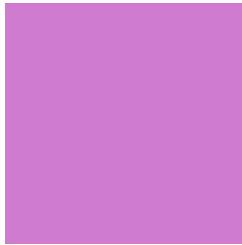
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 157.6920, 24.3088, 43.2431 looks on a white background.

Color Contrast Check

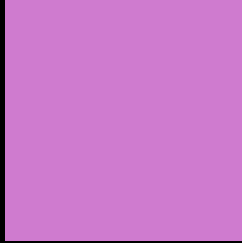
Large Text (above 18pt) WCAG AA × Fail

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 157.6920, 24.3088, 43.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

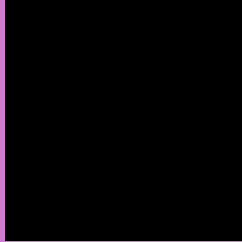
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.6920, 24.3088, 43.2431 Background



This preview shows how black text looks on a background with the YUV color 157.6920, 24.3088, 43.2431.



This preview shows how white text looks on a background with the YUV color 157.6920, 24.3088,

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

157.6920, 24.3088, 43.2431

Protanopia

152.7160, 37.6080, -22.5529

Deuteranopia

154.1230, 23.6034, -10.6319



Tritanopia

155.9770, -4.9187, 37.7312

Trichromacy



Original Color

157.6920, 24.3088, 43.2431



Protanomaly

154.6050, 32.7327, 1.2234



Deuteranomaly

155.6570, 23.8331, 9.0708



Tritanomaly

156.4470, 5.6956, 39.9500

Monochromacy



Original Color

157.6920, 24.3088, 43.2431



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.8030, 8.9711, 15.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6920, 24.3088, 43.2431 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(207, 123, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 123, 207)  
}
```

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(207, 123, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 123, 207) }
```

Border

The CSS property to change the border of an element to YUV 157.6920, 24.3088, 43.2431 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(207, 123, 207) }
```


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

```
.border{ border-color:rgb(207, 123, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 123, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 123, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 123, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 123,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 157.6920, 24.3088, 43.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 123, 207) }
```

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

```
.background{ background-color: rgb(207,  
123, 207) }
```

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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