

Converting Colors

YUV(135.3920, 29.3867,
47.8912)

Have a look what the booklet for
YUV(135.3920, 29.3867, 47.8912)
contains.

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Color

**YUV(135.3920, 29.3867,
47.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	BE60C3
RGB	190, 96, 195
RGB Percent	75%, 38%, 76%
CMY	0.2549, 0.6235, 0.2353
CMYK	0.03, 0.51, 0.00, 0.24
HSL	297°, 45%, 57%
HSV	297°, 51%, 76%
XYZ	35.2684, 23.2530, 54.2592
YIQ	135.3920, 24.2450, 50.7170

Conversions

Conversions Part 2

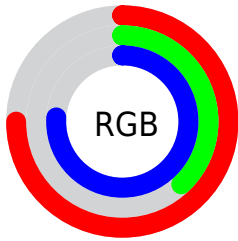
Format	Color
R_{YB}	190, 96, 195
Decimal	12476611
CIE _{Lab}	55.33, 51.83, -35.58
CIE _{LCh}	55, 62.866, 325.534
Yxy	23.2530, 0.3127, 0.2062
Android (android.graphics.Color)	4290666691 (0xFFBE60C3)
YUV	135.3920, 29.3867, 47.8912
Hunter-Lab	48.2214, 46.1648, -32.9587

Details

The YUV color **135.3920, 29.3867, 47.8912** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **155.6080, -29.3867, -47.8912**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9300, 30.1075, 50.0504**, and **80.7940, 29.6816, 46.6617** is the 20% darker color. If you saturate the color by 10%, you get **123.9400, 35.0326, 57.0576**, and if you desaturate by 10%, it is **147.4310, 23.4515, 38.2100**.

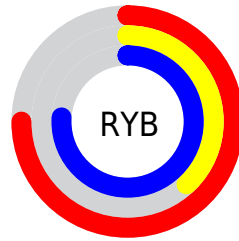
Distribution



Red (75%)

Green (38%)

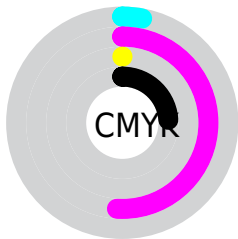
Blue (76%)



Red (75%)

Yellow (38%)

Blue (76%)

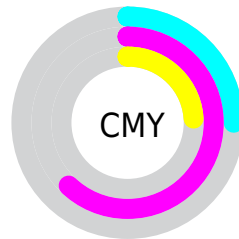


Cyan (3%)

Magenta (51%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (62%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3920, 29.3867, 47.8912 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 135.3920, 29.3867, 47.8912 by changing the saturation by 10% instead.

135.3920, 29.3867,
47.8912

135.3920, 29.3867,
47.8912

255.0000, 0.0000,
0.0000

108.0930, 29.5342,
47.2764

190.9300, 30.1075,
50.0504

80.7940, 29.6816,
46.6617

209.8010, 22.2831,
39.6395

49.2120, 32.4335,
50.6801

226.2370, 14.1802,
25.2252

34.4790, 27.3719,
40.7989

243.2600, 5.7878,
10.2960

23.9690, 20.7213,
27.2142

14.1710, 14.2127,
14.7590

2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 135.3920, 29.3867,
47.8912

■ 135.3920, 29.3867,
47.8912

■ 123.9400, 35.0326,
57.0576

■ 147.4310, 23.4515,
38.2100

■ 111.9010, 40.9678,
66.7388

■ 158.8830, 17.8057,
29.0436

■ 99.8620, 46.9030,
76.4200

■ 170.9220, 11.8705,
19.3624

■ 88.4100, 52.5489,
85.5864

■ 182.3740, 6.2246,
10.1960

■ 77.5450, 57.9053,
94.2380

■ 194.4130, 0.2894,
0.5148

■ 205.8650, -5.3564,
-8.6516

■ 217.3170,
-11.0023, -17.8180

■ 229.3560,
-16.9375, -27.4992

■ 231.4160,
-17.9531, -28.4288

Harmonies

Analogous

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



132.4470, 49.0796, -15.3010



135.3920, 29.3867, 47.8912



128.7760, 7.0124, 84.3884

Triad

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



135.3920, 29.3867, 47.8912



123.8840, -61.0748, 36.0587



112.4510, 32.3157, -98.6195

Complementary

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



135.3920, 29.3867, 47.8912



155.6080, -29.3867, -47.8912

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.



106.0670, 7.8550, -93.0208



135.3920, 29.3867, 47.8912



119.0960, -52.7983, -5.3462

Square

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



135.3920, 29.3867, 47.8912



127.4900, -43.1326, 67.9763



104.6250, -18.5491, -70.7081



115.1190, 52.6923, -100.9594

Rectangle

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



135.3920, 29.3867, 47.8912



126.7540, -9.7387, 90.5467



104.6250, -18.5491, -70.7081



110.9860, 24.1639, -97.3347

Sweetspot

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



135.3920, 29.3867, 47.8912



229.9820, 10.8549, 18.4328



111.3950, 41.2173, -13.5014



113.9010, 6.9508, 10.6108



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.



135.3920, 29.3867, 47.8912



159.5090, 45.5981, 74.9756



131.9850, 9.8674, 55.2642



90.8310, 3.0413, 4.5332



64.1010, 47.7712, 77.9644



13.0310, 9.8447, 15.7588

Inverse Universe

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



126.1710, -12.4093, 60.3630



144.9580, -19.2063, 93.8758



159.0150, -9.8674, -55.2642



90.1040, -1.0373, 6.0478



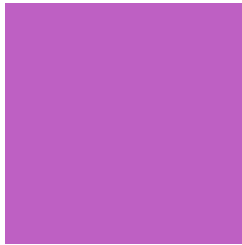
49.0510, -20.2381, 98.1793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 135.3920, 29.3867, 47.8912 looks on a white background.

Color Contrast Check

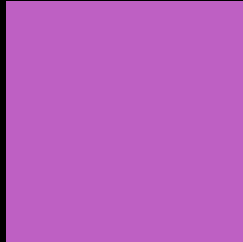
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3920, 29.3867, 47.8912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

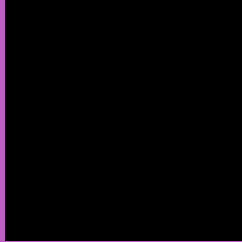
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.3920, 29.3867, 47.8912

Background



This preview shows how black text looks on a background with the YUV color 135.3920, 29.3867, 47.8912.



This preview shows how white text looks on a background with the YUV color 135.3920, 29.3867,

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

135.3920, 29.3867, 47.8912

Protanopia

129.6530, 46.5131, -32.1447

Deuteranopia

132.5180, 27.8456, -17.9943



Tritanopia

134.9450, -6.3819, 40.3902

Trichromacy



Original Color

135.3920, 29.3867, 47.8912



Protanomaly

131.8200, 40.0217, -3.3501



Deuteranomaly

133.4870, 28.3539, 5.7119



Tritanomaly

134.8110, 6.9952, 43.1388

Monochromacy



Original Color

135.3920, 29.3867, 47.8912



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.2700, 10.7129, 17.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3920, 29.3867, 47.8912 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(190, 96, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 96, 195)  
}
```

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(190, 96, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 96, 195) }
```

Border

The CSS property to change the border of an element to YUV 135.3920, 29.3867, 47.8912 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(190, 96, 195) }
```


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

```
.border{ border-color:rgb(190, 96, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 96, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 96, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 96, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 96,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 135.3920, 29.3867, 47.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 96, 195) }
```

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

```
.background{ background-color: rgb(190, 96,  
195) }
```

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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