

Converting Colors

YUV(122.7620, 28.2183,
49.3207)

Have a look what the booklet for
YUV(122.7620, 28.2183, 49.3207)
contains.

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Color

**YUV(122.7620, 28.2183,
49.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	B353B4
RGB	179, 83, 180
RGB Percent	70%, 33%, 71%
CMY	0.2980, 0.6745, 0.2941
CMYK	0.01, 0.54, 0.00, 0.29
HSL	299°, 39%, 52%
HSV	299°, 54%, 71%
XYZ	29.9219, 19.0655, 45.2830
YIQ	122.7620, 26.0790, 50.5190

Conversions

Conversions Part 2

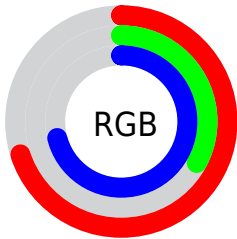
Format	Color
R _Y B	179, 83, 180
Decimal	11752372
CIE Lab	50.76, 52.36, -34.18
CIE LCh	51, 62.529, 326.867
Yxy	19.0655, 0.3174, 0.2022
Android (android.graphics.Color)	4289942452 (0xFFB353B4)
YUV	122.7620, 28.2183, 49.3207
Hunter-Lab	43.6641, 45.9094, -30.9234

Details

The YUV color **122.7620, 28.2183, 49.3207** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **140.2380, -28.2183, -49.3207**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1860, 28.5023, 51.5799**, and **67.4030, 29.3813, 49.6356** is the 20% darker color. If you saturate the color by 10%, you get **112.1960, 33.4274, 58.5871**, and if you desaturate by 10%, it is **133.3280, 23.0093, 40.0543**.

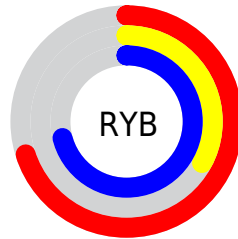
Distribution



Red (70%)

Green (33%)

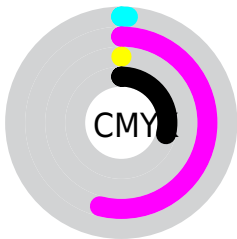
Blue (71%)



Red (70%)

Yellow (33%)

Blue (71%)

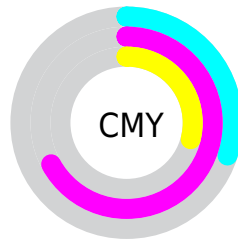


Cyan (1%)

Magenta (54%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (67%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7620, 28.2183, 49.3207 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 122.7620, 28.2183, 49.3207 by changing the saturation by 10% instead.

122.7620, 28.2183,
49.3207

122.7620, 28.2183,
49.3207

255.0000, 0.0000,
0.0000

95.4630, 28.3657,
48.7059

178.1860, 28.5023,
51.5799

67.4030, 29.3813,
49.6356

201.5830, 26.3346,
46.8467

40.5170, 29.8181,
49.5356

218.0190, 18.2316,
32.4323

30.0070, 23.1675,
35.9509

235.0420, 9.8393,
17.5032

20.5080, 16.5116,
24.1105

252.0650, 1.4470,
2.5740

6.8230, 11.9193,
3.6632

0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 122.7620, 28.2183,
49.3207

■ 122.7620, 28.2183,
49.3207

■ 112.1960, 33.4274,
58.5871

■ 133.3280, 23.0093,
40.0543

■ 101.6300, 38.6364,
67.8535

■ 143.8940, 17.8003,
30.7880

■ 90.7650, 43.9929,
76.5051

■ 154.7590, 12.4438,
22.1364

■ 80.1990, 49.2019,
85.7715

■ 165.3250, 7.2348,
12.8700

■ 73.7420, 52.3852,
91.4343

■ 175.8910, 2.0257,
3.6036

■ 186.4570, -3.1833,
-5.6628

■ 197.0230, -8.3923,
-14.9292

■ 207.5890,
-13.6014, -24.1956

■ 218.4540,
-18.9578, -32.8472

Harmonies

Analogous

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



120.7140, 47.4690, -12.0272



122.7620, 28.2183, 49.3207



115.3630, 6.7230, 83.8736

Triad

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



122.7620, 28.2183, 49.3207



113.5290, -55.9698, 31.9851



104.2670, 31.4204, -91.4422

Complementary

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



122.7620, 28.2183, 49.3207



140.2380, -28.2183, -49.3207

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.



97.9970, 7.3965, -85.9434



122.7620, 28.2183, 49.3207



106.7860, -52.6455, -7.7053

Square

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



122.7620, 28.2183, 49.3207



115.0660, -43.4165, 65.7171



89.3790, -15.4698, -78.3854



106.1200, 51.2128, -93.0672

Rectangle

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



122.7620, 28.2183, 49.3207



113.0420, -9.8807, 89.4172



89.3790, -15.4698, -78.3854



102.2150, 23.5580, -89.6426

Sweetspot

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



122.7620, 28.2183, 49.3207



212.3950, 11.1443, 18.9476



95.2320, 41.7906, -10.7275



104.0860, 6.3666, 11.3256



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



122.7620, 28.2183, 49.3207



144.5910, 44.5716, 77.5347



117.7030, 7.5414, 54.6345



83.7170, 2.6045, 4.6332



62.5910, 44.5716, 77.5347



10.4390, 7.6716, 12.7700

Inverse Universe

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



112.1170, -13.8617, 59.5334



127.9750, -21.6797, 93.8609



145.2970, -7.5414, -54.6345



82.6910, -1.3267, 5.5330



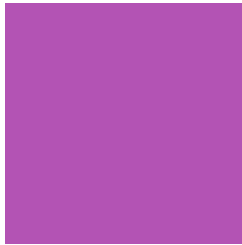
45.9750, -21.6797, 93.8609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 122.7620, 28.2183, 49.3207 looks on a white background.

Color Contrast Check

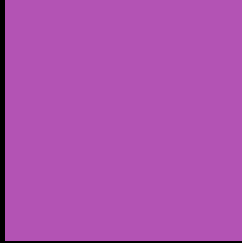
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7620, 28.2183, 49.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

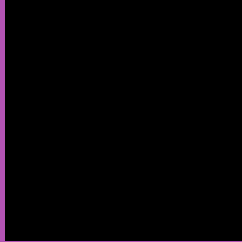
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.7620, 28.2183, 49.3207

Background



This preview shows how black text looks on a background with the YUV color 122.7620, 28.2183, 49.3207.



This preview shows how white text looks on a background with the YUV color 122.7620, 28.2183,

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

122.7620, 28.2183, 49.3207

Protanopia

117.2400, 46.2237, -32.6595

Deuteranopia

120.3610, 25.9510, -16.9796



Tritanopia

122.5430, -6.6767, 41.6198

Trichromacy



Original Color

122.7620, 28.2183, 49.3207



Protanomaly

119.1190, 39.8743, -2.7354



Deuteranomaly

121.4440, 26.8961, 6.6266



Tritanomaly

122.2950, 6.2636, 44.4683

Monochromacy



Original Color

122.7620, 28.2183, 49.3207



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.5690, 10.5655, 17.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7620, 28.2183, 49.3207 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(179, 83, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 83, 180)  
}
```

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(179, 83, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 83, 180) }
```

Border

The CSS property to change the border of an element to YUV 122.7620, 28.2183, 49.3207 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(179, 83, 180) }
```


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

```
.border{ border-color:rgb(179, 83, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 83, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 83, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 83, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 83,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 122.7620, 28.2183, 49.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 83, 180) }
```

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

```
.background{ background-color: rgb(179, 83,  
180) }
```

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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