

Converting Colors

YUV(128.6290, -0.3101,
52.9454)

Have a look what the booklet for
YUV(128.6290, -0.3101, 52.9454)
contains.

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Color

**YUV(128.6290, -0.3101,
52.9454)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6280
RGB	189, 98, 128
RGB Percent	74%, 38%, 50%
CMY	0.2588, 0.6157, 0.4980
CMYK	0.00, 0.48, 0.32, 0.26
HSL	340°, 41%, 56%
HSV	340°, 48%, 74%
XYZ	29.2502, 21.1127, 22.9556
YIQ	128.6290, 44.6060, 28.6220

Conversions

Conversions Part 2

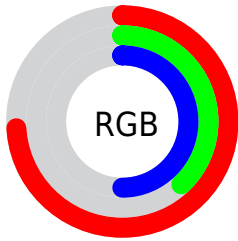
Format	Color
R_{YB}	189, 98, 128
Decimal	12411520
CIE _{Lab}	53.07, 39.85, 0.06
CIE _{LCh}	53, 39.846, 0.081
Yxy	21.1127, 0.3989, 0.2880
Android (android.graphics.Color)	4290601600 (0xFFBD6280)
YUV	128.6290, -0.3101, 52.9454
Hunter-Lab	45.9486, 33.2207, 2.5431

Details

The YUV color **128.6290, -0.3101, 52.9454** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **158.3710, 0.3101, -52.9454**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1240, -1.0471, 56.0193**, and **76.3620, 1.3005, 49.6715** is the 20% darker color. If you saturate the color by 10%, you get **115.9940, -0.4900, 64.0263**, and if you desaturate by 10%, it is **141.2640, -0.1302, 41.8645**.

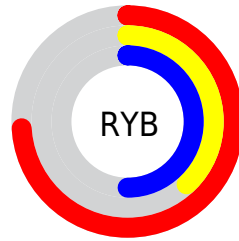
Distribution



Red (74%)

Green (38%)

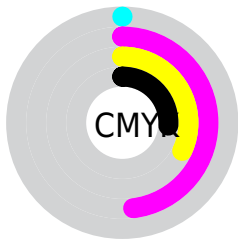
Blue (50%)



Red (74%)

Yellow (38%)

Blue (50%)

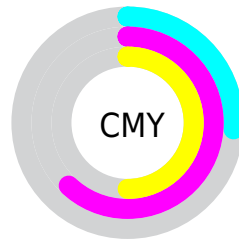


Cyan (0%)

Magenta (48%)

Yellow (32%)

Black (26%)



Cyan (26%)

Magenta (62%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6290, -0.3101, 52.9454 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 128.6290, -0.3101, 52.9454 by changing the saturation by 10% instead.

 128.6290, -0.3101,
52.9454


 128.6290, -0.3101,
52.9454


255.0000, 0.0000,
0.0000


 102.1450, 0.4215,
51.6158


 183.1240, -1.0471,
56.0193


 76.3620, 1.3005,
49.6715


 204.4430, 1.7536,
44.3385


 49.8180, 3.0477,
49.2716

 224.0710, 5.8810,
27.1247

 27.6110, 3.6428,
45.0682

 243.2600, 5.7878,
10.2960

 17.9270, -2.4290,
32.5130

 6.5780, -3.2430,
13.5251

 0.0000, 0.0000,

0.0000

■ 128.6290, -0.3101,
52.9454

■ 128.6290, -0.3101,
52.9454

■ 115.9940, -0.4900,
64.0263

■ 141.2640, -0.1302,
41.8645

■ 103.4730, -0.2332,
75.0072

■ 153.7850, -0.3870,
30.8836

■ 90.8380, -0.4131,
86.0881

■ 166.4200, -0.2071,
19.8027

■ 78.2030, -0.5931,
97.1690

■ 179.0550, -0.0271,
8.7218

■ 65.6820, -0.3362,
108.1499

■ 191.5760, -0.2840,
-2.2592

■ 63.5790, -0.7784,
109.9942

■ 203.6240, 0.1854,
-12.8252

■ 216.2590, 0.3653,
-23.9061

■ 228.7800, 0.1085,
-34.8871

■ 233.7840, 4.0505,
-39.2756

Harmonies

Analogous

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



130.5200, 15.0266, 33.7470



128.6290, -0.3101, 52.9454



126.8130, -16.1768, 55.4150

Triad

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



128.6290, -0.3101, 52.9454



120.1430, -27.1855, -7.1414



102.6830, 40.5823, -90.0530

Complementary

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



128.6290, -0.3101, 52.9454



158.3710, 0.3101, -52.9454

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.



102.7680, 28.2154, -90.1275



128.6290, -0.3101, 52.9454



113.4730, -11.0792, -39.8798

Square

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



128.6290, -0.3101, 52.9454



123.7120, -33.3820, 20.4236



98.8920, 13.3642, -86.7283



117.9750, 37.9733, -46.4591

Rectangle

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



128.6290, -0.3101, 52.9454



126.0650, -25.1750, 48.1780



98.8920, 13.3642, -86.7283



103.0590, 36.9459, -90.3827

Sweetspot

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



128.6290, -0.3101, 52.9454



222.4200, -0.2071, 19.8027



126.6130, 30.7568, 28.4034



108.6640, -0.3274, 11.6957



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



128.6290, -0.3101, 52.9454



150.8160, -0.4023, 82.5994



134.0140, -17.7549, 48.2227



88.0330, -0.0163, 5.2331



53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Inverse Universe

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



128.6290, -0.3101, 52.9454



150.8160, -0.4023, 82.5994



152.9860, 17.7549, -48.2227



88.0330, -0.0163, 5.2331



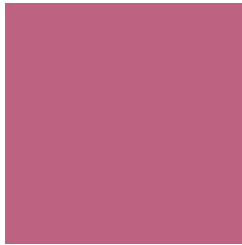
53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 128.6290, -0.3101, 52.9454 looks on a white background.

Color Contrast Check

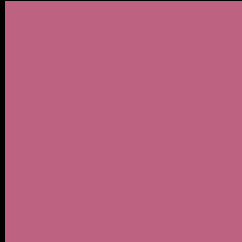
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6290, -0.3101, 52.9454 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 128.6290, -0.3101, 52.9454

Background



This preview shows how black text looks on a background with the YUV color 128.6290, -0.3101, 52.9454.



This preview shows how white text looks on a background with the YUV color 128.6290, -0.3101,

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

128.6290, -0.3101, 52.9454

Protanopia

127.5680, 8.5940, -3.1291

Deuteranopia

128.4960, -2.2165, 10.9660



Tritanopia

128.2130, -9.4720, 51.5562

Trichromacy



Original Color

128.6290, -0.3101, 52.9454

Protanomaly

128.1900, 5.3293, 17.3734

Deuteranomaly

128.4100, -1.6811, 25.9504

Tritanomaly

128.7230, -6.2724, 51.9859

Monochromacy



Original Color

128.6290, -0.3101, 52.9454

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1210, -0.0597, 19.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6290, -0.3101, 52.9454 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(189, 98, 128)` looks like.

```
.text, #text, p{  
    color:rgb(189, 98, 128)  
}
```

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(189, 98, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 98, 128) }
```

Border

The CSS property to change the border of an element to YUV 128.6290, -0.3101, 52.9454 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(189, 98, 128) }
```


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

```
.border{ border-color:rgb(189, 98, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 98, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 98, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 98, 128);  
box-shadow:4px 4px 4px 4px rgb(189, 98,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 128.6290, -0.3101, 52.9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 98, 128) }
```

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

```
.background{ background-color: rgb(189, 98,  
128) }
```

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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