

Converting Colors

YUV(128.6420, 26.7985,
38.0250)

Have a look what the booklet for
YUV(128.6420, 26.7985, 38.0250)
contains.

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Color

**YUV(128.6420, 26.7985,
38.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	AC60B7
RGB	172, 96, 183
RGB Percent	67%, 38%, 72%
CMY	0.3255, 0.6235, 0.2824
CMYK	0.06, 0.48, 0.00, 0.28
HSL	292°, 38%, 55%
HSV	292°, 48%, 72%
XYZ	29.7434, 20.5553, 47.1997
YIQ	128.6420, 17.3690, 43.1690

Conversions

Conversions Part 2

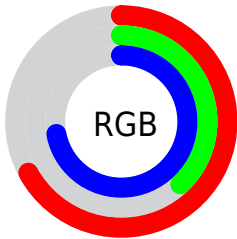
Format	Color
R_{YB}	172, 96, 183
Decimal	11296951
CIE _{Lab}	52.46, 44.38, -33.33
CIE _{LCh}	52, 55.499, 323.090
Yxy	20.5553, 0.3051, 0.2108
Android (android.graphics.Color)	4289487031 (0xFFAC60B7)
YUV	128.6420, 26.7985, 38.0250
Hunter-Lab	45.3379, 37.7612, -29.9881

Details

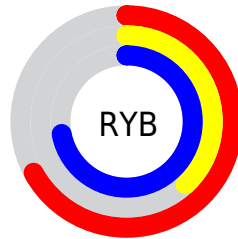
The YUV color **128.6420, 26.7985, 38.0250** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **150.3580, -26.7985, -38.0250**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1800, 27.5193, 40.1841**, and **76.5170, 26.3671, 36.3806** is the 20% darker color. If you saturate the color by 10%, you get **117.4780, 32.3023, 46.0618**, and if you desaturate by 10%, it is **139.8060, 21.2946, 29.9881**.

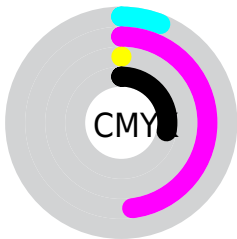
Distribution



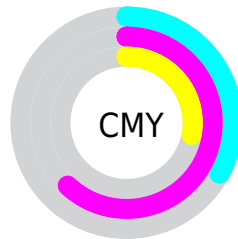
- Red (67%)
- Green (38%)
- Blue (72%)



- Red (67%)
- Yellow (38%)
- Blue (72%)



- Cyan (6%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (62%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6420, 26.7985, 38.0250 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 128.6420, 26.7985, 38.0250 by changing the saturation by 10% instead.

■ 128.6420, 26.7985,
38.0250

■ 128.6420, 26.7985,
38.0250

255.0000, 0.0000,
0.0000

■ 101.9300, 26.6565,
36.8954

■ 183.1800, 27.5193,
40.1841

■ 76.5170, 26.3671,
36.3806

■ 208.6270, 22.8619,
40.6691

■ 49.0440, 27.0933,
36.7954

■ 225.0630, 14.7589,
26.2547

■ 28.8540, 25.2150,
32.5770

■ 242.0860, 6.3666,
11.3256

■ 19.2410, 18.1222,
20.8366

■ 5.6700, 13.9667,
0.2894

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 128.6420, 26.7985,
38.0250

■ 128.6420, 26.7985,
38.0250

■ 117.4780, 32.3023,
46.0618

■ 139.8060, 21.2946,
29.9881

■ 105.4280, 38.2430,
53.9986

■ 151.8560, 15.3540,
22.0513

■ 94.2640, 43.7468,
62.0355

■ 163.0200, 9.8501,
14.0145

■ 83.1000, 49.2507,
70.0723

■ 174.1840, 4.3463,
5.9776

■ 71.6370, 54.9020,
77.4944

■ 185.6470, -1.3050,
-1.4444

■ 68.7020, 56.3489,
80.0683

■ 197.3980, -7.0982,
-9.9960

■ 208.5620,
-12.6021, -18.0329

■ 220.0250,
-18.2533, -25.4549

■ 228.2540,
-22.3102, -30.9178

Harmonies

Analogous

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



124.0570, 43.8489, -17.5900



128.6420, 26.7985, 38.0250



123.9870, 6.9084, 71.0484

Triad

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



128.6420, 26.7985, 38.0250



119.0330, -50.3023, 34.1741



104.6430, 27.7840, -91.7719

Complementary

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



128.6420, 26.7985, 38.0250



150.3580, -26.7985, -38.0250

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.



99.0570, 6.3809, -86.8730



128.6420, 26.7985, 38.0250



115.5940, -44.6628, -1.3979

Square

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



128.6420, 26.7985, 38.0250



121.6940, -35.8381, 61.6584



106.0020, -20.2140, -49.9908



107.4420, 46.1241, -94.2266

Rectangle

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



128.6420, 26.7985, 38.0250



121.5460, -7.6642, 78.4512



106.0020, -20.2140, -49.9908



103.4060, 20.5058, -90.6871

Sweetspot

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



128.6420, 26.7985, 38.0250



216.4330, 10.1395, 14.5293



112.9620, 34.5287, -14.8757



106.7760, 6.5194, 8.9664



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



128.6420, 26.7985, 38.0250



152.6720, 41.5737, 59.0467



128.2830, 11.1995, 47.9868



86.4180, 2.7519, 4.0184



58.4480, 48.0931, 68.0131



10.6670, 8.5452, 12.5700

Inverse Universe

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



123.2670, -8.0196, 52.3858



144.3030, -12.4744, 81.2953



150.7170, -11.1995, -47.9868



85.8050, -0.8899, 5.4330



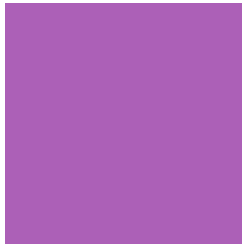
48.9240, -14.2595, 93.9057



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 128.6420, 26.7985, 38.0250 looks on a white background.

Color Contrast Check

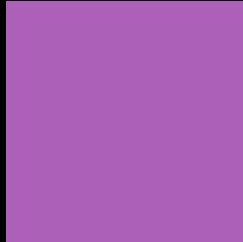
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6420, 26.7985, 38.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

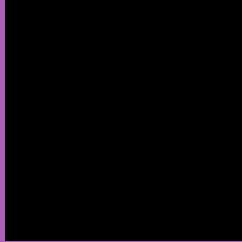
Any Text WCAG AA ✓ Pass

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 128.6420, 26.7985, 38.0250 Background



This preview shows how black text looks on a background with the YUV color 128.6420, 26.7985, 38.0250.



This preview shows how white text looks on a background with the YUV color 128.6420, 26.7985,

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

128.6420, 26.7985, 38.0250

Protanopia

123.1930, 40.8239, -27.3563

Deuteranopia

124.7740, 26.2404, -16.4648



Tritanopia

127.4600, -4.1708, 31.1686

Trichromacy



Original Color

128.6420, 26.7985, 38.0250



Protanomaly

125.0820, 35.9486, -3.5799



Deuteranomaly

126.3080, 26.4702, 3.2379



Tritanomaly

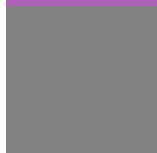
128.0440, 6.8803, 33.2874

Monochromacy



Original Color

128.6420, 26.7985, 38.0250



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.0200, 9.8501, 14.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6420, 26.7985, 38.0250 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(172, 96, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 96, 183)  
}
```

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(172, 96, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 96, 183) }
```

Border

The CSS property to change the border of an element to YUV 128.6420, 26.7985, 38.0250 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(172, 96, 183) }
```


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

```
.border{ border-color:rgb(172, 96, 183) }
```

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

Here you see how a box with a 4 pixel rgb(172, 96, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 96, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 96, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 96,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 128.6420, 26.7985, 38.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 96, 183) }
```

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

```
.background{ background-color: rgb(172, 96,  
183) }
```

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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