

Converting Colors

YUV(102.0520, 28.5684,
77.1304)

Have a look what the booklet for
YUV(102.0520, 28.5684, 77.1304)
contains.

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Color

**YUV(102.0520, 28.5684,
77.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	BE2EA0
RGB	190, 46, 160
RGB Percent	75%, 18%, 63%
CMY	0.2549, 0.8196, 0.3725
CMYK	0.00, 0.76, 0.16, 0.25
HSL	312°, 61%, 46%
HSV	312°, 76%, 75%
XYZ	28.5574, 15.4392, 34.7326
YIQ	102.0520, 49.2300, 65.9820

Conversions

Conversions Part 2

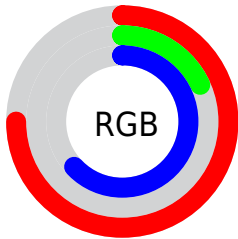
Format	Color
R _{YB}	190, 46, 160
Decimal	12463776
CIE _{Lab}	46.23, 66.65, -29.36
CIE _{LCh}	46, 72.833, 336.226
Y _{xy}	15.4392, 0.3627, 0.1961
Android (android.graphics.Color)	4290653856 (0xFFBE2EA0)
YUV	102.0520, 28.5684, 77.1304
Hunter-Lab	39.2928, 60.9687, -24.9042

Details

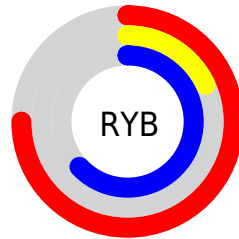
The YUV color **102.0520, 28.5684, 77.1304** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **133.9480, -28.5684, -77.1304**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0690, 26.0950, 77.1155**, and **51.7800, 27.7165, 70.3529** is the 20% darker color. If you saturate the color by 10%, you get **90.4430, 32.3196, 87.3115**, and if you desaturate by 10%, it is **113.6610, 24.8171, 66.9493**.

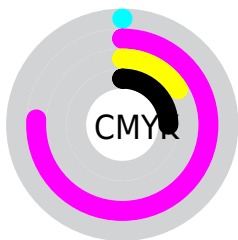
Distribution



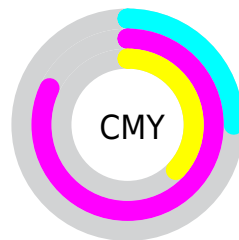
- Red (75%)
- Green (18%)
- Blue (63%)



- Red (75%)
- Yellow (18%)
- Blue (63%)



- Cyan (0%)
- Magenta (76%)
- Yellow (16%)
- Black (25%)





- Cyan (25%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.0520, 28.5684, 77.1304 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 102.0520, 28.5684, 77.1304 by changing the saturation by 10% instead.


 102.0520, 28.5684,
77.1304


 102.0520, 28.5684,
77.1304


255.0000, 0.0000,
0.0000


 63.4150, 34.7984,
85.5820


 162.0690, 26.0950,
77.1155


 51.7800, 27.7165,
70.3529


 183.3060, 29.9221,
62.8756

 40.5580, 20.9239,
55.6386


 201.5830, 26.3346,
46.8467

 29.8630, 14.8575,
41.3391

 218.6060, 17.9422,
31.9175

 19.5810, 9.0806,
27.5545

 235.6290, 9.5499,
16.9884

 5.1840, 4.3463,
5.9776

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 102.0520, 28.5684,
77.1304

■ 102.0520, 28.5684,
77.1304

■ 90.4430, 32.3196,
87.3115

■ 113.6610, 24.8171,
66.9493

■ 78.8340, 36.0708,
97.4926

■ 125.2700, 21.0659,
56.7682

■ 73.9100, 37.5124,
101.8109

■ 136.8790, 17.3147,
46.5871

■ 148.4880, 13.5634,
36.4060

■ 160.0970, 9.8122,
26.2249

■ 171.7060, 6.0609,
16.0438

■ 183.3150, 2.3097,
5.8627

■ 194.9240, -1.4415,
-4.3183

■ 206.5330, -5.1928,
-14.4994

Harmonies

Analogous

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



110.7860, 48.4195, 9.8347



102.0520, 28.5684, 77.1304



83.0170, 8.3726, 114.8721

Triad

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



102.0520, 28.5684, 77.1304



101.6350, -50.1061, 17.8601



99.8790, 39.9927, -87.5939

Complementary

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



102.0520, 28.5684, 77.1304



133.9480, -28.5684, -77.1304

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.



93.0390, 13.7848, -81.5952



102.0520, 28.5684, 77.1304



89.5210, -44.1339, -31.1519

Square

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



102.0520, 28.5684, 77.1304



102.1980, -50.3836, 60.3394



83.8680, -13.7389, -73.5522



101.0310, 59.6377, -88.6042

Rectangle

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



102.0520, 28.5684, 77.1304



91.6480, -15.6025, 104.6717



83.8680, -13.7389, -73.5522



97.7130, 31.6935, -85.6943

Sweetspot

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



102.0520, 28.5684, 77.1304



212.1730, 11.2537, 30.5433



71.0870, 58.6241, 3.4317



103.6570, 7.0711, 18.7178



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



102.0520, 28.5684, 77.1304



109.5670, 44.5835, 120.5287



93.9580, -2.4443, 84.2288



88.4890, 1.7309, 4.8331



61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Inverse Universe

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



102.0520, 28.5684, 77.1304



109.5670, 44.5835, 120.5287



142.0420, 2.4443, -84.2288



88.4890, 1.7309, 4.8331



61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 102.0520, 28.5684, 77.1304 looks on a white background.

Color Contrast Check

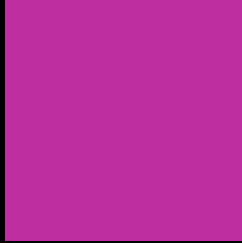
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 102.0520, 28.5684, 77.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

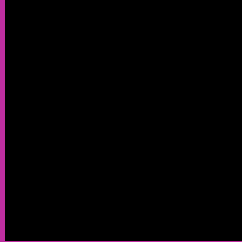
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.0520, 28.5684, 77.1304

Background



This preview shows how black text looks on a background with the YUV color 102.0520, 28.5684, 77.1304.



This preview shows how white text looks on a background with the YUV color 102.0520, 28.5684,

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

102.0520, 28.5684, 77.1304

Protanopia

102.4110, 53.5344, -44.2104

Deuteranopia

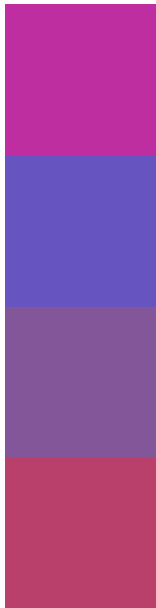
110.4990, 19.9670, -10.9616



Tritanopia

107.1610, -13.8834, 66.5108

Trichromacy



Original Color

102.0520, 28.5684, 77.1304

Protanomaly

102.2810, 44.2315, -0.2464

Deuteranomaly

107.2070, 23.0689, 20.8665

Tritanomaly

105.4940, 1.2355, 70.6038

Monochromacy



Original Color

102.0520, 28.5684, 77.1304

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.2220, 10.2436, 27.8693

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.0520, 28.5684, 77.1304 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, 46, 160)` looks like.

```
.text, #text, p{  
    color:rgb(190, 46, 160)  
}
```

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, 46, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 46, 160) }
```

Border

The CSS property to change the border of an element to YUV 102.0520, 28.5684, 77.1304 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, 46, 160) }
```


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

```
.border{ border-color:rgb(190, 46, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 46, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 46, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 46, 160);  
box-shadow:4px 4px 4px 4px rgb(190, 46,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 102.0520, 28.5684, 77.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 46, 160) }
```

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

```
.background{ background-color: rgb(190, 46,  
160) }
```

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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