

Converting Colors

YUV(102.7210, 47.4655,
82.6827)

Have a look what the booklet for
YUV(102.7210, 47.4655, 82.6827)
contains.

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Color

**YUV(102.7210, 47.4655,
82.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	C524C7
RGB	197, 36, 199
RGB Percent	77%, 14%, 78%
CMY	0.2275, 0.8588, 0.2196
CMYK	0.01, 0.82, 0.00, 0.22
HSL	299°, 69%, 46%
HSV	299°, 82%, 78%
XYZ	33.9656, 17.2556, 55.5733
YIQ	102.7210, 43.6330, 84.8250

Conversions

Conversions Part 2

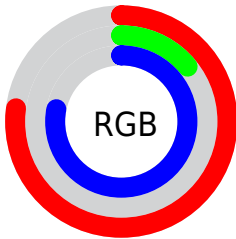
Format	Color
R _{YB}	197, 36, 199
Decimal	12920007
CIE _{Lab}	48.58, 76.45, -48.49
CIE _{LCh}	49, 90.531, 327.617
Yxy	17.2556, 0.3180, 0.1616
Android (android.graphics.Color)	4291110087 (0xFFC524C7)
YUV	102.7210, 47.4655, 82.6827
Hunter-Lab	41.5398, 73.2583, -50.2421

Details

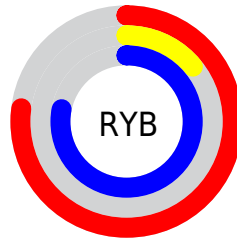
The YUV color **102.7210, 47.4655, 82.6827** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **132.2790, -47.4655, -82.6827**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **57.9770, 42.4093, 71.0572** is the 20% darker color. If you saturate the color by 10%, you get **90.9810, 53.2534, 92.9787**, and if you desaturate by 10%, it is **114.4610, 41.6777, 72.3867**.

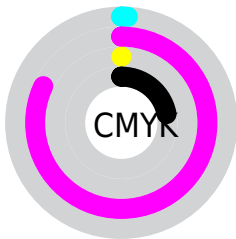
Distribution



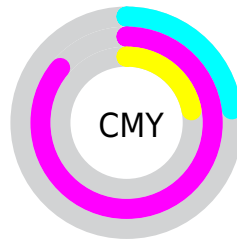
- Red (77%)
- Green (14%)
- Blue (78%)



- Red (77%)
- Yellow (14%)
- Blue (78%)



- Cyan (1%)
- Magenta (82%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (86%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.7210, 47.4655, 82.6827 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 102.7210, 47.4655, 82.6827 by changing the saturation by 10% instead.


 102.7210, 47.4655,
82.6827


 102.7210, 47.4655,
82.6827


255.0000, 0.0000,
0.0000


 69.7260, 49.9281,
86.1863


 165.7760, 43.9874,
78.2494


 57.9770, 42.4093,
71.0572


 183.3860, 35.3057,
62.8055

 46.3420, 35.3274,
55.8281


 200.4090, 26.9134,
47.8763

 35.1200, 28.5348,
41.1138

 218.0190, 18.2316,
32.4323

 24.4960, 21.4475,
27.6290

 235.0420, 9.8393,
17.5032

 12.3060, 16.1181,
10.2556

 252.6520, 1.1576,

 3.2090, 9.7570,

2.0592

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 102.7210, 47.4655,
82.6827

■ 102.7210, 47.4655,
82.6827

■ 90.9810, 53.2534,
92.9787

■ 114.4610, 41.6777,
72.3867

■ 81.5890, 57.8836,
101.2154

■ 126.2010, 35.8899,
62.0907

■ 138.2400, 29.9547,
52.4095

■ 149.9800, 24.1669,
42.1135

■ 161.7200, 18.3790,
31.8176

■ 172.8730, 12.8806,
22.0364

■ 184.9120, 6.9454,
12.3552

■ 196.6520, 1.1576,
2.0592

■ 208.3920, -4.6303,
-8.2368

Harmonies

Analogous

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



108.6080, 71.6783, -30.3512



102.7210, 47.4655, 82.6827



86.0100, 19.2221, 135.0492

Triad

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



102.7210, 47.4655, 82.6827



108.8110, -53.6438, 32.6148



106.7920, 38.5565, -93.6566

Complementary

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



102.7210, 47.4655, 82.6827



132.2790, -47.4655, -82.6827

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.



97.3130, 4.7757, -85.3435



102.7210, 47.4655, 82.6827



97.5280, -48.0813, -25.0191

Square

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



102.7210, 47.4655, 82.6827



103.2490, -50.9018, 86.6046



84.2490, -35.1258, -73.8864



111.3980, 66.3588, -97.6960

Rectangle

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



102.7210, 47.4655, 82.6827



80.9080, -2.9126, 141.2777



84.2490, -35.1258, -73.8864



103.9420, 27.6366, -91.1571

Sweetspot

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



102.7210, 47.4655, 82.6827



217.1330, 18.6684, 32.3324



56.3430, 70.3299, -17.8408



104.8080, 11.4337, 19.4624



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.



102.7210, 47.4655, 82.6827



107.3530, 72.7900, 126.8554



94.3130, 12.6637, 91.8105



93.7170, 2.6045, 4.6332



66.7210, 47.4655, 82.6827



14.5690, 10.5655, 17.9180

Inverse Universe

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



84.9650, -23.1537, 100.0087



80.0920, -35.5414, 153.3943



140.6870, -12.6637, -91.8105



92.6910, -1.3267, 5.5330



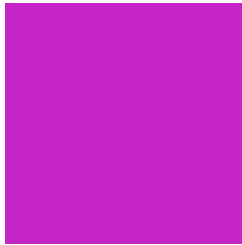
48.9650, -23.1537, 100.0087



10.7640, -5.3067, 22.1320

Previews

White Background



This preview shows how the YUV color 102.7210, 47.4655, 82.6827 looks on a white background.

Color Contrast Check

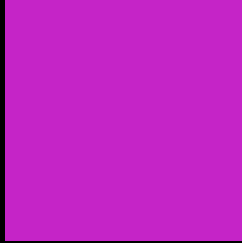
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.7210, 47.4655, 82.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

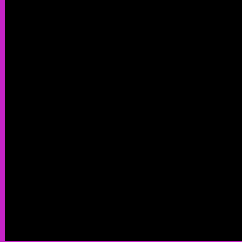
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.7210, 47.4655, 82.6827

Background



This preview shows how black text looks on a background with the YUV color 102.7210, 47.4655, 82.6827.



This preview shows how white text looks on a background with the YUV color 102.7210, 47.4655, 82.6827.

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

102.7210, 47.4655, 82.6827

Protanopia

92.7620, 71.1093, -81.3523

Deuteranopia

111.3510, 37.7880, -33.6338



Tritanopia

114.1820, -12.4147, 62.1074

Trichromacy



Original Color

102.7210, 47.4655, 82.6827



Protanomaly

96.2580, 62.4838, -21.2743



Deuteranomaly

108.2390, 41.2942, 8.5604



Tritanomaly

109.9590, 9.3872, 69.3190

Monochromacy



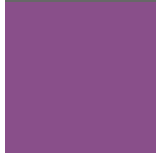
Original Color

102.7210, 47.4655, 82.6827



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.0680, 17.2215, 29.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7210, 47.4655, 82.6827 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(197, 36, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 36, 199)  
}
```

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(197, 36, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 36, 199) }
```

Border

The CSS property to change the border of an element to YUV 102.7210, 47.4655, 82.6827 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(197, 36, 199) }
```


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

```
.border{ border-color:rgb(197, 36, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 36, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 36, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 36, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 36,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 102.7210, 47.4655, 82.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 36, 199) }
```

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

```
.background{ background-color: rgb(197, 36,  
199) }
```

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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