

Converting Colors

YUV(104.4560, 42.6662,
82.0381)

Have a look what the booklet for
YUV(104.4560, 42.6662, 82.0381)
contains.

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Color

**YUV(104.4560, 42.6662,
82.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	C628BF
RGB	198, 40, 191
RGB Percent	78%, 16%, 75%
CMY	0.2235, 0.8431, 0.2510
CMYK	0.00, 0.80, 0.04, 0.22
HSL	303°, 66%, 47%
HSV	303°, 80%, 78%
XYZ	33.4515, 17.2849, 50.8635
YIQ	104.4560, 45.6970, 80.4570

Conversions

Conversions Part 2

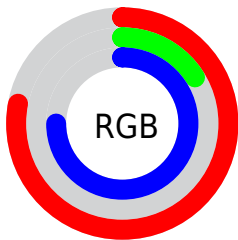
Format	Color
R _Y B	198, 40, 191
Decimal	12986559
CIE Lab	48.62, 74.50, -43.77
CIE LCh	49, 86.405, 329.561
Yxy	17.2849, 0.3292, 0.1701
Android (android.graphics.Color)	4291176639 (0xFFC628BF)
YUV	104.4560, 42.6662, 82.0381
Hunter-Lab	41.5752, 70.8650, -43.4334

Details

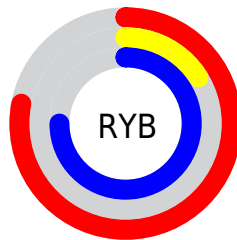
The YUV color **104.4560, 42.6662, 82.0381** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **133.5440, -42.6662, -82.0381**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1520, 40.3511, 77.9197**, and **57.4780, 39.2043, 72.3718** is the 20% darker color. If you saturate the color by 10%, you get **92.6020, 48.0172, 92.4340**, and if you desaturate by 10%, it is **116.3100, 37.3152, 71.6421**.

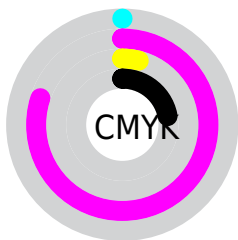
Distribution



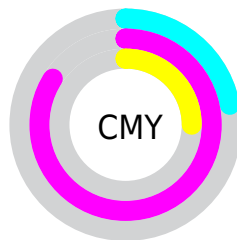
- Red (78%)
- Green (16%)
- Blue (75%)



- Red (78%)
- Yellow (16%)
- Blue (75%)



- Cyan (0%)
- Magenta (80%)
- Yellow (4%)
- Black (22%)




- Cyan (22%)
- Magenta (84%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.4560, 42.6662, 82.0381 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 104.4560, 42.6662, 82.0381 by changing the saturation by 10% instead.


 104.4560, 42.6662,
82.0381


 104.4560, 42.6662,
82.0381


255.0000, 0.0000,
0.0000


 69.2270, 46.7231,
87.5009


 166.1520, 40.3511,
77.9197


 57.4780, 39.2043,
72.3718


 184.5600, 34.7269,
61.7759


 45.8430, 32.1224,
57.1427


 201.5830, 26.3346,
46.8467

 34.6210, 25.3298,
42.4284

 218.6060, 17.9422,
31.9175

 24.4100, 18.5319,
29.4584

 236.2160, 9.2605,
16.4736

 12.5190, 13.0551,
12.6998

253.8260, 0.5788,

 2.4110, 6.6994,

1.0296

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 104.4560, 42.6662,
82.0381

■ 104.4560, 42.6662,
82.0381

■ 92.6020, 48.0172,
92.4340

■ 116.3100, 37.3152,
71.6421

■ 80.7480, 53.3682,
102.8300

■ 128.1640, 31.9641,
61.2462

■ 139.4310, 26.9025,
51.3650

■ 151.2850, 21.5515,
40.9691

■ 163.0250, 15.7637,
30.6731

■ 174.8790, 10.4127,
20.2771

■ 186.7330, 5.0616,
9.8812

■ 198.0000, 0.0000,
0.0000

■ 209.8540, -5.3510,
-10.3960

Harmonies

Analogous

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



112.0890, 65.5251, -16.7411



104.4560, 42.6662, 82.0381



84.2440, 17.6277, 133.0900

Triad

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



104.4560, 42.6662, 82.0381



108.7890, -53.6330, 29.1260



106.4330, 39.7195, -93.3417

Complementary

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



104.4560, 42.6662, 82.0381



133.5440, -42.6662, -82.0381

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.



97.2960, 7.2491, -85.3286



104.4560, 42.6662, 82.0381



96.6310, -47.6391, -26.8634

Square

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



104.4560, 42.6662, 82.0381



105.2760, -51.9011, 80.4419



85.6000, -27.4108, -75.0712



110.4690, 65.3378, -96.8813

Rectangle

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



104.4560, 42.6662, 82.0381



79.0710, -3.4860, 138.5037



85.6000, -27.4108, -75.0712



103.6970, 29.2364, -90.9423

Sweetspot

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



104.4560, 42.6662, 82.0381



218.8510, 16.3425, 31.7027



59.5070, 68.2770, -12.7226



106.0530, 9.8339, 19.2475



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.



104.4560, 42.6662, 82.0381



109.9310, 66.0960, 127.2255



95.6780, 9.0327, 89.7364



93.7170, 2.6045, 4.6332



66.5210, 44.1131, 84.6121



14.6400, 9.5445, 18.7327

Inverse Universe

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



104.4560, 42.6662, 82.0381



109.9310, 66.0960, 127.2255



142.3220, -9.0327, -89.7364



93.7170, 2.6045, 4.6332



66.5210, 44.1131, 84.6121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 104.4560, 42.6662, 82.0381 looks on a white background.

Color Contrast Check

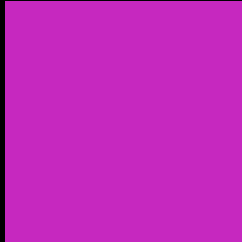
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.4560, 42.6662, 82.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

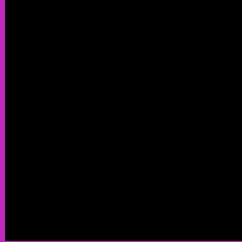
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4560, 42.6662, 82.0381

Background



This preview shows how black text looks on a background with the YUV color 104.4560, 42.6662, 82.0381.



This preview shows how white text looks on a background with the YUV color 104.4560, 42.6662, 82.0381.

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

104.4560, 42.6662, 82.0381

Protanopia

92.8760, 71.5461, -81.4523

Deuteranopia

113.4290, 32.8195, -26.6862



Tritanopia

113.9650, -13.2937, 64.0517

Trichromacy



Original Color

104.4560, 42.6662, 82.0381



Protanomaly

97.2040, 61.0314, -22.1039



Deuteranomaly

110.0070, 36.4785, 13.1489



Tritanomaly

110.6880, 7.0558, 70.4336

Monochromacy



Original Color

104.4560, 42.6662, 82.0381



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.3130, 15.6217, 29.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4560, 42.6662, 82.0381 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(198, 40, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 40, 191)  
}
```

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(198, 40, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 40, 191) }
```

Border

The CSS property to change the border of an element to YUV 104.4560, 42.6662, 82.0381 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(198, 40, 191) }
```


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

```
.border{ border-color:rgb(198, 40, 191) }
```

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

Here you see how a box with a 4 pixel rgb(198, 40, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 40, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 40, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 40,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 104.4560, 42.6662, 82.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 40, 191) }
```

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

```
.background{ background-color: rgb(198, 40,  
191) }
```

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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