

Converting Colors

YUV(106.6760, 52.4177,
80.9681)

Have a look what the booklet for
YUV(106.6760, 52.4177, 80.9681)
contains.

YUV(106.6760, 52.4177, 80.9681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.6760, 52.4177,
80.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	C727D5
RGB	199, 39, 213
RGB Percent	78%, 15%, 84%
CMY	0.2196, 0.8471, 0.1647
CMYK	0.07, 0.82, 0.00, 0.16
HSL	295°, 69%, 49%
HSV	295°, 82%, 84%
XYZ	36.2889, 18.3972, 64.5892
YIQ	106.6760, 39.5060, 88.0340

Conversions

Conversions Part 2

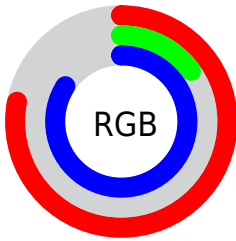
Format	Color
R_{YB}	199, 39, 213
Decimal	13051861
CIE _{Lab}	49.97, 78.36, -54.30
CIE _{LCh}	50, 95.331, 325.280
Yxy	18.3972, 0.3042, 0.1542
Android (android.graphics.Color)	4291241941 (0xFFC727D5)
YUV	106.6760, 52.4177, 80.9681
Hunter-Lab	42.8920, 75.9596, -59.2578

Details

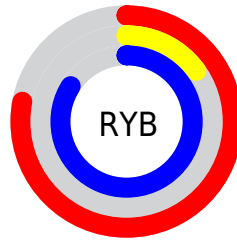
The YUV color **106.6760, 52.4177, 80.9681** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **145.3240, -52.4177, -80.9681**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 43.1193, 76.7051**, and **59.7580, 47.9403, 70.3722** is the 20% darker color. If you saturate the color by 10%, you get **93.7510, 58.7898, 90.5494**, and if you desaturate by 10%, it is **119.6010, 46.0457, 71.3869**.

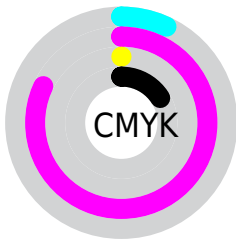
Distribution



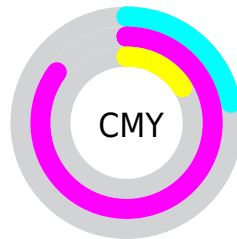
- Red (78%)
- Green (15%)
- Blue (84%)



- Red (78%)
- Yellow (15%)
- Blue (84%)



- Cyan (7%)
- Magenta (82%)
- Yellow (0%)
- Black (16%)





- Cyan (22%)
- Magenta (85%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.6760, 52.4177, 80.9681 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 106.6760, 52.4177, 80.9681 by changing the saturation by 10% instead.


 106.6760, 52.4177,
80.9681


 106.6760, 52.4177,
80.9681


255.0000, 0.0000,
0.0000


 71.6210, 55.8958,
85.4014


 167.5370, 43.1193,
76.7051


 59.7580, 47.9403,
70.3722


 185.1470, 34.4375,
61.2611

 48.4220, 40.7110,
55.7579


 202.1700, 26.0452,
46.3319

 36.7870, 33.6290,
40.5288

 219.7800, 17.3635,
30.8879

 26.1630, 26.5416,
27.0440

 236.8030, 8.9711,
15.9588

 13.8590, 20.7755,
9.7707

 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 106.6760, 52.4177,
80.9681

■ 106.6760, 52.4177,
80.9681

■ 93.7510, 58.7898,
90.5494

■ 119.6010, 46.0457,
71.3869

■ 82.8860, 64.1462,
99.2010

■ 132.8140, 39.5317,
60.6761

■ 145.7390, 33.1597,
51.0949

■ 158.6640, 26.7876,
41.5137

■ 172.1760, 20.1262,
31.4176

■ 184.8020, 13.9016,
21.2216

■ 197.7270, 7.5296,
11.6404

■ 210.6520, 1.1576,
2.0592

■ 223.8650, -5.3564,
-8.6516

Harmonies

Analogous

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



102.0780, 75.3905, -54.4424



106.6760, 52.4177, 80.9681



89.5420, 22.4108, 138.9677

Triad

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



106.6760, 52.4177, 80.9681



112.3880, -55.4073, 38.2477



109.9550, 37.9832, -96.4305

Complementary

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



106.6760, 52.4177, 80.9681



145.3240, -52.4177, -80.9681

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.



99.2050, 1.8709, -87.0028



106.6760, 52.4177, 80.9681



101.6810, -50.1287, -21.6452

Square

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



106.6760, 52.4177, 80.9681



104.4890, -51.5131, 96.0411



85.1150, -41.9617, -74.6459



115.8320, 68.1168, -101.5847

Rectangle

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



106.6760, 52.4177, 80.9681



84.9950, -1.4765, 147.3404



85.1150, -41.9617, -74.6459



106.8770, 26.1896, -93.7311

Sweetspot

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



106.6760, 52.4177, 80.9681



215.9370, 19.2581, 29.8733



67.0540, 71.9514, -24.6034



103.9110, 11.8759, 17.6181



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.



106.6760, 52.4177, 80.9681



102.2700, 75.2959, 116.4042



102.5400, 18.4678, 96.8734



100.2440, 3.3307, 5.0480



66.4370, 51.5496, 79.4238



16.8620, 12.8860, 20.2920

Inverse Universe

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



92.6220, -19.5336, 105.5715



82.0300, -28.1158, 151.6947



149.4600, -18.4678, -96.8734



99.4030, -1.1847, 6.6626



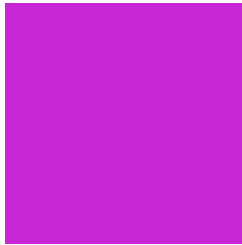
52.7250, -19.0914, 103.7272



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 106.6760, 52.4177, 80.9681 looks on a white background.

Color Contrast Check

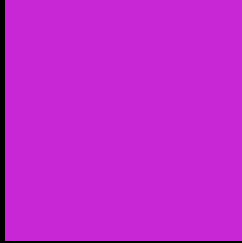
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.6760, 52.4177, 80.9681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

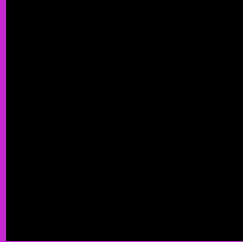
Any Text WCAG AA ✓ Pass

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 106.6760, 52.4177, 80.9681 Background



This preview shows how black text looks on a background with the YUV color 106.6760, 52.4177, 80.9681.



This preview shows how white text looks on a background with the YUV color 106.6760, 52.4177, 80.9681.

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

106.6760, 52.4177, 80.9681

Protanopia

95.3210, 73.2987, -83.5965

Deuteranopia

111.8920, 43.9302, -43.7553



Tritanopia

118.5020, -11.0935, 58.3187

Trichromacy



Original Color

106.6760, 52.4177, 80.9681



Protanomaly

99.1590, 65.9836, -23.8184



Deuteranomaly

110.2750, 46.6994, 1.5128



Tritanomaly

114.3330, 12.1608, 66.3600

Monochromacy



Original Color

106.6760, 52.4177, 80.9681



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.6380, 19.4055, 29.2585

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6760, 52.4177, 80.9681 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(199, 39, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 39, 213)  
}
```

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(199, 39, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 39, 213) }
```

Border

The CSS property to change the border of an element to YUV 106.6760, 52.4177, 80.9681 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(199, 39, 213) }
```


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

```
.border{ border-color:rgb(199, 39, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 39, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 39, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 39, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 39,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 106.6760, 52.4177, 80.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 39, 213) }
```

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

```
.background{ background-color: rgb(199, 39,  
213) }
```

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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