

Converting Colors

YUV(103.6760, 52.4177,
80.9681)

Have a look what the booklet for
YUV(103.6760, 52.4177, 80.9681)
contains.

YUV(103.6760, 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(103.6760, 52.4177,
80.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	C424D2
RGB	196, 36, 210
RGB Percent	77%, 14%, 82%
CMY	0.2314, 0.8588, 0.1765
CMYK	0.07, 0.83, 0.00, 0.18
HSL	295°, 71%, 48%
HSV	295°, 83%, 82%
XYZ	35.0287, 17.6507, 62.5335
YIQ	103.6760, 39.5060, 88.0340

Conversions

Conversions Part 2

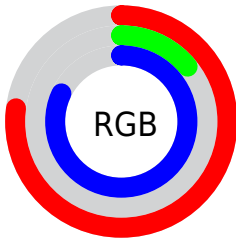
Format	Color
RYB	196, 36, 210
Decimal	12854482
CIELab	49.07, 78.01, -54.06
CIElCh	49, 94.906, 325.280
Yxy	17.6507, 0.3040, 0.1532
Android (android.graphics.Color)	4291044562 (0xFFC424D2)
YUV	103.6760, 52.4177, 80.9681
Hunter-Lab	42.0127, 75.3048, -58.8409

Details

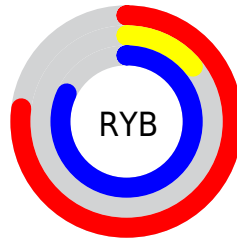
The YUV color **103.6760, 52.4177, 80.9681** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **142.3240, -52.4177, -80.9681**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **58.6330, 47.5089, 68.7279** is the 20% darker color. If you saturate the color by 10%, you get **90.7510, 58.7898, 90.5494**, and if you desaturate by 10%, it is **116.6010, 46.0457, 71.3869**.

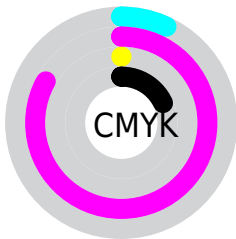
Distribution



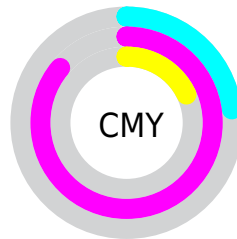
- Red (77%)
- Green (14%)
- Blue (82%)



- Red (77%)
- Yellow (14%)
- Blue (82%)



- Cyan (7%)
- Magenta (83%)
- Yellow (0%)
- Black (18%)





- Cyan (23%)
- Magenta (86%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.6760, 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 103.6760, 52.4177, 80.9681 by changing the saturation by 10% instead.


 103.6760, 52.4177,
80.9681


 103.6760, 52.4177,
80.9681


255.0000, 0.0000,
0.0000


 70.6810, 54.8803,
84.4718


 166.3630, 43.6980,
77.7346


 58.6330, 47.5089,
68.7279


 183.3860, 35.3057,
62.8055


 47.1830, 39.8428,
54.2135


 200.9960, 26.6240,
47.3615

 35.5480, 32.7608,
38.9844

 218.0190, 18.2316,
32.4323

 24.9240, 25.6735,
25.4997

 235.6290, 9.5499,
16.9884

 12.3210, 20.0547,
7.6115

 253.2390, 0.8682,

 4.7080, 12.9620,

1.5444

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 103.6760, 52.4177,
80.9681

■ 103.6760, 52.4177,
80.9681

■ 90.7510, 58.7898,
90.5494

■ 116.6010, 46.0457,
71.3869

■ 81.6470, 63.2780,
97.6566

■ 129.2270, 39.8211,
61.1909

■ 142.1520, 33.4491,
51.6097

■ 155.0770, 27.0770,
42.0285

■ 167.7030, 20.8524,
31.8325

■ 180.6280, 14.4804,
22.2512

■ 193.5530, 8.1084,
12.6700

■ 206.4780, 1.7363,
3.0888

■ 219.1040, -4.4883,
-7.1072

Harmonies

Analogous

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



98.8220, 76.9958, -55.9719



103.6760, 52.4177, 80.9681



88.4170, 21.9794, 137.3233

Triad

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



103.6760, 52.4177, 80.9681



110.3170, -54.3863, 37.4330



107.8520, 37.5410, -94.5862

Complementary

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



103.6760, 52.4177, 80.9681



142.3240, -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.



97.8030, 1.5761, -85.7732



103.6760, 52.4177, 80.9681



99.6100, -49.1077, -22.4600

Square

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



103.6760, 52.4177, 80.9681



102.4180, -50.4921, 95.2264



83.3540, -41.0935, -73.1015



113.6150, 67.2378, -99.6404

Rectangle

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



103.6760, 52.4177, 80.9681



83.8700, -1.9079, 145.6960



83.3540, -41.0935, -73.1015



104.7740, 25.7474, -91.8868

Sweetspot

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



103.6760, 52.4177, 80.9681



215.9370, 19.2581, 29.8733



64.0540, 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.



103.6760, 52.4177, 80.9681



101.0960, 75.8747, 117.4338



99.5400, 18.4678, 96.8734



98.2440, 3.3307, 5.0480



65.4970, 50.5340, 78.4941



16.0360, 12.3073, 19.2624

Inverse Universe

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



89.6220, -19.5336, 105.5715



80.6280, -28.4106, 152.9242



146.4600, -18.4678, -96.8734



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 103.6760, 52.4177, 80.9681 looks on a white background.

Color Contrast Check

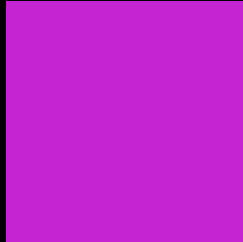
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6760, 52.4177, 80.9681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

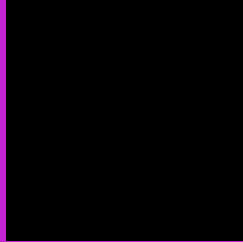
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.6760, 52.4177, 80.9681

Background



This preview shows how black text looks on a background with the YUV color 103.6760, 52.4177, 80.9681.



This preview shows how white text looks on a background with the YUV color 103.6760, 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

103.6760, 52.4177, 80.9681

Protanopia

93.6910, 72.1303, -82.1670

Deuteranopia

109.7780, 43.4934, -43.6553



Tritanopia

116.0890, -11.3829, 57.8039

Trichromacy



Original Color

103.6760, 52.4177, 80.9681



Protanomaly

97.2300, 64.9626, -23.0037



Deuteranomaly

107.2750, 46.6994, 1.5128



Tritanomaly

111.3330, 12.1608, 66.3600

Monochromacy



Original Color

103.6760, 52.4177, 80.9681



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.6380, 19.4055, 29.2585

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6760, 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(196, 36, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 36, 210)  
}
```

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(196, 36, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 36, 210) }
```

Border

The CSS property to change the border of an element to YUV 103.6760, 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(196, 36, 210) }
```


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

```
.border{ border-color:rgb(196, 36, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 36, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 36, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 36, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 36,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 103.6760, 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(196, 36, 210) }
```

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

```
.background{ background-color: rgb(196, 36,  
210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor