

Converting Colors

YUV(82.7520, 53.8593, 85.2865)

Have a look what the booklet for
YUV(82.7520, 53.8593, 85.2865)
contains.

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Color

**YUV(82.7520, 53.8593,
85.2865)**

Conversions

Conversions Part 1

Format	Color
Hex	B40CC0
RGB	180, 12, 192
RGB Percent	71%, 5%, 75%
CMY	0.2941, 0.9529, 0.2471
CMYK	0.06, 0.94, 0.00, 0.25
HSL	296°, 88%, 40%
HSV	296°, 94%, 75%
XYZ	28.4683, 13.7720, 51.0270
YIQ	82.7520, 42.3480, 91.5960

Conversions

Conversions Part 2

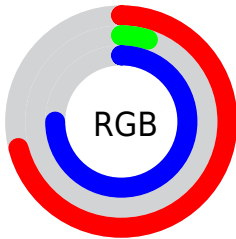
Format	Color
R_{YB}	180, 12, 192
Decimal	11799744
CIE _{Lab}	43.90, 76.33, -52.07
CIE _{LCh}	44, 92.396, 325.701
Yxy	13.7720, 0.3052, 0.1477
Android (android.graphics.Color)	4289989824 (0xFFB40CC0)
YUV	82.7520, 53.8593, 85.2865
Hunter-Lab	37.1107, 71.9871, -55.5460

Details

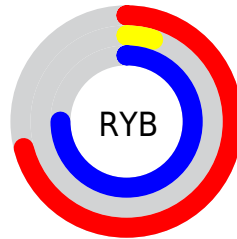
The YUV color **82.7520, 53.8593, 85.2865** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **121.2480, -53.8593, -85.2865**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9760, 47.3398, 76.3200**, and **52.2100, 42.2945, 61.2058** is the 20% darker color. If you saturate the color by 10%, you get **75.4090, 57.4794, 90.8493**, and if you desaturate by 10%, it is **94.2040, 48.2134, 76.1201**.

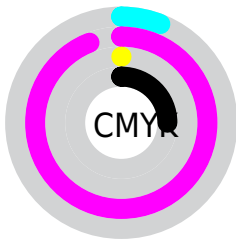
Distribution



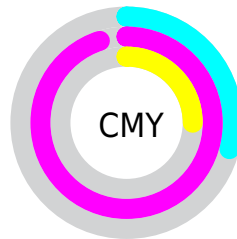
- Red (71%)
- Green (5%)
- Blue (75%)



- Red (71%)
- Yellow (5%)
- Blue (75%)



- Cyan (6%)
- Magenta (94%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7520, 53.8593, 85.2865 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 82.7520, 53.8593, 85.2865 by changing the saturation by 10% instead.


 82.7520, 53.8593,
85.2865


 82.7520, 53.8593,
85.2865


255.0000, 0.0000,
0.0000


 63.8450, 49.3764,
76.4349


 152.9760, 47.3398,
76.3200


 52.2100, 42.2945,
61.2058


 175.7550, 39.0678,
69.4979


 40.7600, 34.6283,
46.6915


 192.7780, 30.6754,
54.5687

 29.5380, 27.8358,
31.9772

 210.3880, 21.9937,
39.1247

 18.4300, 21.4800,
17.1629

 227.4110, 13.6014,
24.1956

 4.4460, 17.0351,
-3.8991

 245.0210, 4.9196,

 2.4110, 6.6994,

8.7516

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 82.7520, 53.8593,
85.2865

■ 82.7520, 53.8593,
85.2865

■ 75.4090, 57.4794,
90.8493

■ 94.2040, 48.2134,
76.1201

■ 105.9550, 42.4202,
67.5685

■ 117.9940, 36.4850,
57.8873

■ 129.4460, 30.8391,
48.7209

■ 140.8980, 25.1933,
39.5545

■ 152.6490, 19.4000,
31.0028

■ 164.1010, 13.7542,
21.8364

■ 176.1400, 7.8190,
12.1552

■ 187.8910, 2.0257,
3.6036

Harmonies

Analogous

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



81.9670, 80.3753, -66.6231



82.7520, 53.8593, 85.2865



81.0260, 18.2282, 127.1422

Triad

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



82.7520, 53.8593, 85.2865



98.1900, -48.4077, 33.1594



97.3370, 35.3299, -85.3645

Complementary

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



82.7520, 53.8593, 85.2865



121.2480, -53.8593, -85.2865

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.



87.7440, 1.1122, -76.9515



82.7520, 53.8593, 85.2865



86.9070, -42.8452, -24.4744

Square

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



82.7520, 53.8593, 85.2865



89.6930, -44.2186, 89.7232



75.1360, -37.0420, -65.8943



103.3450, 63.4269, -90.6336

Rectangle

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



82.7520, 53.8593, 85.2865



76.2230, -4.0539, 133.9854



75.1360, -37.0420, -65.8943



94.4870, 24.4099, -82.8651

Sweetspot

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



82.7520, 53.8593, 85.2865



207.4150, 20.9944, 32.9620



39.5640, 75.1509, -24.1736



98.8620, 12.8860, 20.2920



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.



82.7520, 53.8593, 85.2865



98.1670, 74.8537, 118.2485



77.4480, 18.0201, 100.4621



90.8310, 3.0413, 4.5332



63.2040, 48.2134, 76.1201



13.0310, 9.8447, 15.7588

Inverse Universe

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



67.1880, -21.2917, 109.4601



76.6880, -29.4262, 151.9946



126.5520, -18.0201, -100.4621



90.1040, -1.0373, 6.0478



49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 82.7520, 53.8593, 85.2865 looks on a white background.

Color Contrast Check

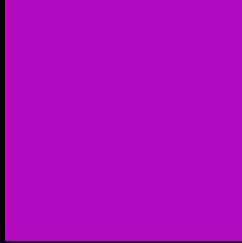
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.7520, 53.8593, 85.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

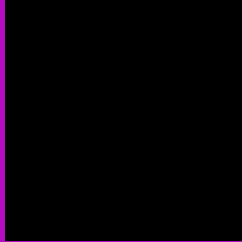
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.7520, 53.8593, 85.2865

Background



This preview shows how black text looks on a background with the YUV color 82.7520, 53.8593, 85.2865.



This preview shows how white text looks on a background with the YUV color 82.7520, 53.8593,

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

82.7520, 53.8593, 85.2865

Protanopia

84.3840, 64.3937, -74.0048

Deuteranopia

97.2080, 41.3095, -43.1554



Tritanopia

103.7790, -11.2300, 55.4448

Trichromacy



Original Color

82.7520, 53.8593, 85.2865



Protanomaly

83.5360, 60.8678, -16.2561



Deuteranomaly

92.0580, 45.8204, 3.4571



Tritanomaly

96.3330, 12.1608, 66.3600

Monochromacy



Original Color

82.7520, 53.8593, 85.2865



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

82.7630, 19.8368, 30.9028

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7520, 53.8593, 85.2865 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(180, 12, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 12, 192)  
}
```

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(180, 12, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 12, 192) }
```

Border

The CSS property to change the border of an element to YUV 82.7520, 53.8593, 85.2865 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(180, 12, 192) }
```


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

```
.border{ border-color:rgb(180, 12, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 12, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 12, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 12, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 12,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 82.7520, 53.8593, 85.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 12, 192) }
```

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

```
.background{ background-color: rgb(180, 12,  
192) }
```

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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