

Converting Colors

YUV(73.5300, 80.5907, 51.2782)

Have a look what the booklet for
YUV(73.5300, 80.5907, 51.2782)
contains.

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Color

**YUV(73.5300, 80.5907,
51.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	840CED
RGB	132, 12, 237
RGB Percent	52%, 5%, 93%
CMY	0.4824, 0.9529, 0.0706
CMYK	0.44, 0.95, 0.00, 0.07
HSL	272°, 90%, 49%
HSV	272°, 95%, 93%
XYZ	24.9333, 11.2829, 80.9845
YIQ	73.5300, -0.7050, 95.4150

Conversions

Conversions Part 2

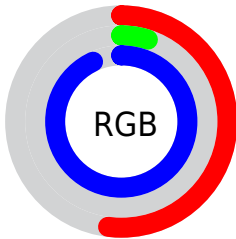
Format	Color
RYB	132, 12, 237
Decimal	8654061
CIELab	40.05, 78.47, -84.56
CIElCh	40, 115.361, 312.858
Yxy	11.2829, 0.2127, 0.0963
Android (android.graphics.Color)	4286844141 (0xFF840CED)
YUV	73.5300, 80.5907, 51.2782
Hunter-Lab	33.5900, 73.7147, -119.4332

Details

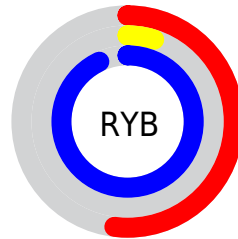
The YUV color **73.5300, 80.5907, 51.2782** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **175.4700, -80.5907, -51.2782**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9710, 58.1883, 50.0144**, and **40.2540, 68.8948, 22.5792** is the 20% darker color. If you saturate the color by 10%, you get **64.6920, 84.9478, 53.7671**, and if you desaturate by 10%, it is **90.9070, 72.0238, 45.6856**.

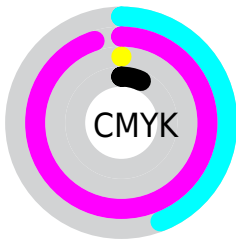
Distribution



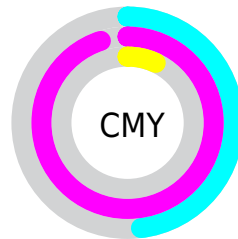
- Red (52%)
- Green (5%)
- Blue (93%)



- Red (52%)
- Yellow (5%)
- Blue (93%)



- Cyan (44%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)




- Cyan (48%)
- Magenta (95%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.5300, 80.5907, 51.2782 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 73.5300, 80.5907, 51.2782 by changing the saturation by 10% instead.

 73.5300, 80.5907,
51.2782


 73.5300, 80.5907,
51.2782


255.0000, 0.0000,
0.0000


 53.6120, 76.1133,
40.6823


 136.9710, 58.1883,
50.0144


 40.2540, 68.8948,
22.5792


 163.2630, 45.2263,
54.1433


 23.0090, 63.5926,
-3.5159


 189.2560, 32.4118,
57.6575

 14.2500, 54.5998,
-12.4972

 205.6920, 24.3088,
43.2431

 11.2860, 43.2430,
-9.8978

 223.3020, 15.6271,
27.7991

 13.7190, 29.7185,
-12.0316

 240.3250, 7.2348,

 8.0480, 20.6823,

12.8700

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 73.5300, 80.5907,
51.2782

■ 73.5300, 80.5907,
51.2782

■ 64.6920, 84.9478,
53.7671

■ 90.9070, 72.0238,
45.6856

■ 107.6970, 63.7464,
40.6077

■ 125.0740, 55.1795,
35.0151

■ 142.4510, 46.6127,
29.4225

■ 159.8280, 38.0458,
23.8298

■ 176.6180, 29.7683,
18.7520

■ 193.9950, 21.2015,
13.1594

■ 211.3720, 12.6346,
7.5668

■ 228.4610, 4.2097,
3.1037

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



73.5300, 80.5907, 51.2782



84.3040, 33.3741, 122.5134

Triad

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



73.5300, 80.5907, 51.2782



87.1580, -42.9689, 62.1284



88.7650, 22.7939, -77.8469

Complementary

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



73.5300, 80.5907, 51.2782



175.4700, -80.5907, -51.2782

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.



75.0340, -22.2018, -65.8048



73.5300, 80.5907, 51.2782



84.0710, -41.4470, -6.2013

Square

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



73.5300, 80.5907, 51.2782



64.2850, -31.6925, 132.1771



69.2660, -34.1481, -60.7463



100.1990, 61.5269, -87.8745

Rectangle

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



73.5300, 80.5907, 51.2782



83.0310, 3.9287, 140.2928



69.2660, -34.1481, -60.7463



84.4160, 8.6689, -74.0328

Sweetspot

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



73.5300, 80.5907, 51.2782



203.4560, 25.4112, 16.2631



99.2850, 67.8935, -76.5489



95.8930, 15.8288, 9.7408



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.



73.5300, 80.5907, 51.2782



69.7340, 91.3361, 58.1153



104.1270, 62.0554, 116.5296



109.0480, 3.9203, 2.5889



49.6370, 64.7620, 41.5374



14.8270, 19.3123, 12.4297

Inverse Universe

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



91.2450, 12.6972, 127.8271



89.8110, 14.3902, 144.8708



144.8730, -62.0554, -116.5296



109.8590, 0.5625, 6.2627



63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 73.5300, 80.5907, 51.2782 looks on a white background.

Color Contrast Check

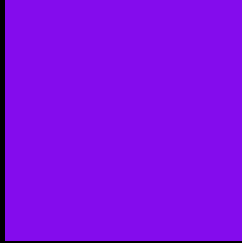
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.5300, 80.5907, 51.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

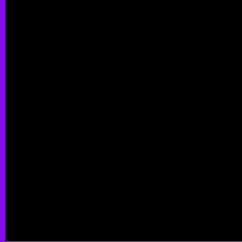
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.5300, 80.5907, 51.2782

Background



This preview shows how black text looks on a background with the YUV color 73.5300, 80.5907, 51.2782.



This preview shows how white text looks on a background with the YUV color 73.5300, 80.5907,

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

73.5300, 80.5907, 51.2782

Protanopia

76.0060, 57.6780, -66.6573

Deuteranopia

76.4500, 44.1482, -67.0466



Tritanopia

95.8910, 2.0257, 3.6036

Trichromacy



Original Color

73.5300, 80.5907, 51.2782

Protanomaly

75.1590, 65.9836, -23.8184

Deuteranomaly

75.5690, 57.4005, -24.1780

Tritanomaly

88.1560, 30.4891, 20.9112

Monochromacy



Original Color

73.5300, 80.5907, 51.2782

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.5040, 29.3315, 18.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.5300, 80.5907, 51.2782 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(132, 12, 237)` looks like.

```
.text, #text, p{  
    color:rgb(132, 12, 237)  
}
```

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(132, 12, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 12, 237) }
```

Border

The CSS property to change the border of an element to YUV 73.5300, 80.5907, 51.2782 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(132, 12, 237) }
```


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

```
.border{ border-color:rgb(132, 12, 237) }
```

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

Here you see how a box with a 4 pixel rgb(132, 12, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 12, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 12, 237);  
box-shadow:4px 4px 4px 4px rgb(132, 12,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 73.5300, 80.5907, 51.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 12, 237) }
```

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

```
.background{ background-color: rgb(132, 12,  
237) }
```

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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