

Converting Colors

YUV(82.2310, 80.7381, 50.6634)

Have a look what the booklet for
YUV(82.2310, 80.7381, 50.6634)
contains.

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Color

**YUV(82.2310, 80.7381,
50.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	8C15F6
RGB	140, 21, 246
RGB Percent	55%, 8%, 96%
CMY	0.4510, 0.9176, 0.0353
CMYK	0.43, 0.91, 0.00, 0.04
HSL	272°, 93%, 52%
HSV	272°, 91%, 96%
XYZ	27.7179, 12.7656, 88.1919
YIQ	82.2310, -1.3010, 95.2030

Conversions

Conversions Part 2

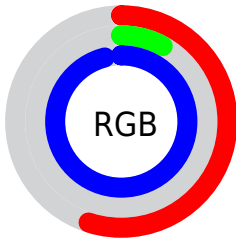
Format	Color
R _Y B	140, 21, 246
Decimal	9180662
CIE Lab	42.41, 79.81, -85.73
CIE LCh	42, 117.130, 312.954
Yxy	12.7656, 0.2154, 0.0992
Android (android.graphics.Color)	4287370742 (0xFF8C15F6)
YUV	82.2310, 80.7381, 50.6634
Hunter-Lab	35.7290, 75.9515, -121.3386

Details

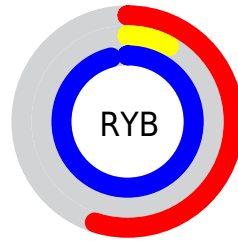
The YUV color **82.2310, 80.7381, 50.6634** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **184.7690, -80.7381, -50.6634**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2980, 55.5621, 52.3587**, and **43.8570, 71.0625, 27.3124** is the 20% darker color. If you saturate the color by 10%, you get **66.9140, 88.2894, 55.3264**, and if you desaturate by 10%, it is **100.4940, 71.7345, 45.1708**.

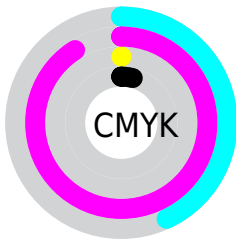
Distribution



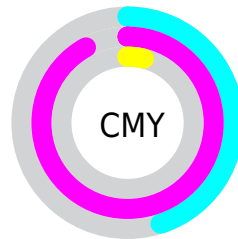
- Red (55%)
- Green (8%)
- Blue (96%)



- Red (55%)
- Yellow (8%)
- Blue (96%)



- Cyan (43%)
- Magenta (91%)
- Yellow (0%)
- Black (4%)





- Cyan (45%)
- Magenta (92%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.2310, 80.7381, 50.6634 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 82.2310, 80.7381, 50.6634 by changing the saturation by 10% instead.


 82.2310, 80.7381,
50.6634


 82.2310, 80.7381,
50.6634


255.0000, 0.0000,
0.0000


 57.0300, 78.8652,
44.7007


 142.2980, 55.5621,
52.3587


 43.8570, 71.0625,
27.3124


 168.5900, 42.6001,
56.4876


 28.1070, 65.0232,
4.2912


 192.1910, 30.9648,
55.0835

 15.1620, 58.0941,
-13.2971

 209.2140, 22.5725,
40.1543

 12.0840, 46.3006,
-10.5977

 226.2370, 14.1802,
25.2252

 13.9300, 33.0655,
-12.2166

 243.8470, 5.4984,

 9.4330, 23.4505,

9.7812

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 82.2310, 80.7381,
50.6634

■ 82.2310, 80.7381,
50.6634

■ 66.9140, 88.2894,
55.3264

■ 100.4940, 71.7345,
45.1708

■ 117.8710, 63.1676,
39.5781

■ 136.1340, 54.1639,
34.0855

■ 153.5110, 45.5971,
28.4929

■ 171.7740, 36.5934,
23.0002

■ 190.0370, 27.5898,
17.5076

■ 207.4140, 19.0229,
11.9149

■ 225.6770, 10.0192,
6.4223

■ 243.0540, 1.4524,
0.8296

Harmonies

Analogous

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



90.1180, 81.2868, -79.0335



82.2310, 80.7381, 50.6634



88.0920, 34.9576, 127.9613

Triad

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



82.2310, 80.7381, 50.6634



92.4850, -45.5951, 64.4727



93.6720, 23.8257, -82.1503

Complementary

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



82.2310, 80.7381, 50.6634



184.7690, -80.7381, -50.6634

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.



79.7130, -22.0435, -69.9083



82.2310, 80.7381, 50.6634



89.3870, -44.0678, -5.6014

Square

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



82.2310, 80.7381, 50.6634



67.2750, -33.1666, 138.3248



72.7880, -35.8845, -63.8351



105.3340, 63.4323, -92.3779

Rectangle

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



82.2310, 80.7381, 50.6634



86.5910, 4.6386, 145.9407



72.7880, -35.8845, -63.8351



89.2090, 9.2640, -78.2363

Sweetspot

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



82.2310, 80.7381, 50.6634



204.9290, 24.6850, 15.8483



110.6330, 66.7359, -78.6081



97.9530, 14.8132, 8.8112



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.



82.2310, 80.7381, 50.6634



69.4350, 91.4835, 57.5005



113.4690, 63.3658, 116.2297



113.4610, 4.2097, 3.1037



50.5060, 66.7985, 41.6522



15.9950, 21.2015, 13.1594

Inverse Universe

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



100.3590, 13.1340, 127.7272



89.9250, 14.8270, 144.7708



153.5310, -63.3658, -116.2297



114.2720, 0.8519, 6.7775



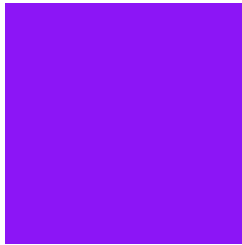
65.6460, 11.0205, 105.5505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 82.2310, 80.7381, 50.6634 looks on a white background.

Color Contrast Check

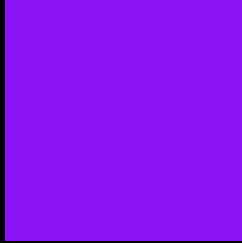
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.2310, 80.7381, 50.6634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

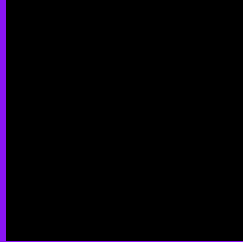
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2310, 80.7381, 50.6634

Background



This preview shows how black text looks on a background with the YUV color 82.2310, 80.7381, 50.6634.



This preview shows how white text looks on a background with the YUV color 82.2310, 80.7381,

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

82.2310, 80.7381, 50.6634

Protanopia

80.1950, 61.0359, -70.3310

Deuteranopia

80.4110, 46.6324, -70.5204



Tritanopia

101.2010, 1.8729, 5.9627

Trichromacy



Original Color

82.2310, 80.7381, 50.6634



Protanomaly

80.7180, 68.1730, -26.0627



Deuteranomaly

81.0140, 59.1531, -26.3223



Tritanomaly

94.1670, 30.4837, 22.6555

Monochromacy



Original Color

82.2310, 80.7381, 50.6634



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

82.2050, 29.4789, 18.2372

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2310, 80.7381, 50.6634 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(140, 21, 246)` looks like.

```
.text, #text, p{  
    color:rgb(140, 21, 246)  
}
```

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(140, 21, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 21, 246) }
```

Border

The CSS property to change the border of an element to YUV 82.2310, 80.7381, 50.6634 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(140, 21, 246) }
```


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

```
.border{ border-color:rgb(140, 21, 246) }
```

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

Here you see how a box with a 4 pixel rgb(140, 21, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 21, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 21, 246);  
box-shadow:4px 4px 4px 4px rgb(140, 21,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 82.2310, 80.7381, 50.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 21, 246) }
```

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

```
.background{ background-color: rgb(140, 21,  
246) }
```

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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