

Converting Colors

YUV(76.0260, 81.8252, 75.3992)

Have a look what the booklet for
YUV(76.0260, 81.8252, 75.3992)
contains.

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Color

**YUV(76.0260, 81.8252,
75.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	A200F2
RGB	162, 0, 242
RGB Percent	64%, 0%, 95%
CMY	0.3647, 1.0000, 0.0510
CMYK	0.33, 1.00, 0.00, 0.05
HSL	280°, 100%, 47%
HSV	280°, 100%, 95%
XYZ	30.9273, 14.0922, 85.0944
YIQ	76.0260, 18.8700, 109.6060

Conversions

Conversions Part 2

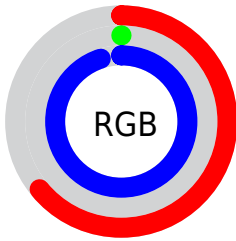
Format	Color
RYB	162, 0, 242
Decimal	10617074
CIELab	44.36, 83.71, -80.15
CIELCh	44, 115.892, 316.247
Yxy	14.0922, 0.2377, 0.1083
Android (android.graphics.Color)	4288807154 (0xFFA200F2)
YUV	76.0260, 81.8252, 75.3992
Hunter-Lab	37.5396, 81.3646, -108.1205

Details

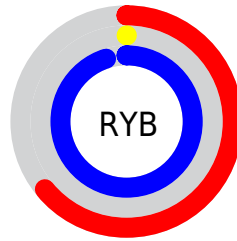
The YUV color **76.0260, 81.8252, 75.3992** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **165.9740, -81.8252, -75.3992**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4030, 53.0453, 66.2986**, and **51.1750, 65.4827, 43.6965** is the 20% darker color. If you saturate the color by 10%, you get **76.0260, 81.8252, 75.3992**, and if you desaturate by 10%, it is **92.5060, 73.7005, 67.9622**.

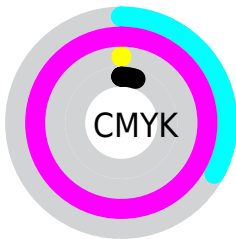
Distribution



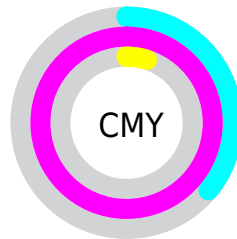
- Red (64%)
- Green (0%)
- Blue (95%)



- Red (64%)
- Yellow (0%)
- Blue (95%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)





- Cyan (36%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.0260, 81.8252, 75.3992 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 76.0260, 81.8252, 75.3992 by changing the saturation by 10% instead.


 76.0260, 81.8252,
75.3992


 76.0260, 81.8252,
75.3992


255.0000, 0.0000,
0.0000


 63.7500, 73.5802,
59.8552


 147.4030, 53.0453,
66.2986


 51.1750, 65.4827,
43.6965


 174.2820, 39.7940,
69.9127


 38.2300, 58.5536,
26.1083


 191.6040, 31.2542,
55.5983

 23.7900, 52.3615,
5.4462

 209.2140, 22.5725,
40.1543

 11.7420, 44.9902,
-10.2977

 226.2370, 14.1802,
25.2252

 8.8920, 34.0702,
-7.7983

 243.8470, 5.4984,

 9.0910, 22.1401,

9.7812

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 76.0260, 81.8252,
75.3992

■ 92.5060, 73.7005,
67.9622

■ 108.9860, 65.5759,
60.5253

■ 126.0530, 57.1619,
52.5735

■ 142.5330, 49.0372,
45.1366

■ 159.0130, 40.9126,
37.6996

■ 175.4930, 32.7880,
30.2626

■ 191.9730, 24.6633,
22.8257

■ 209.0400, 16.2493,
14.8739

■ 225.5200, 8.1246,
7.4370

Harmonies

Analogous

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



89.5310, 81.5762, -78.5187



76.0260, 81.8252, 75.3992



90.5120, 31.2996, 134.6090

Triad

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



76.0260, 81.8252, 75.3992



98.3440, -48.4836, 57.5803



98.9040, 28.6413, -86.7388

Complementary

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



76.0260, 81.8252, 75.3992



165.9740, -81.8252, -75.3992

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.



85.4010, -15.4807, -74.8967



76.0260, 81.8252, 75.3992



91.7020, -45.2091, -12.8937

Square

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



76.0260, 81.8252, 75.3992



67.2750, -33.1666, 138.3248



76.3100, -37.6208, -66.9239



109.7510, 67.6638, -96.2516

Rectangle

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



76.0260, 81.8252, 75.3992



86.6190, 2.1598, 147.6701



76.3100, -37.6208, -66.9239



94.5550, 14.5164, -82.9247

Sweetspot

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



76.0260, 81.8252, 75.3992



202.9130, 25.6789, 23.7553



75.1350, 82.2644, -65.8934



96.2140, 15.6705, 13.8443



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.



76.0260, 81.8252, 75.3992



80.1990, 86.1769, 79.6325



95.3860, 52.5607, 128.5805



111.7600, 4.0623, 3.7185



57.7530, 62.2398, 57.2216



17.7460, 18.8592, 17.7628

Inverse Universe

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



81.4780, -0.7287, 140.7778



85.8210, -0.8978, 148.3700



146.6140, -52.5607, -128.5805



112.0440, -0.0217, 6.9774



61.9700, -0.4782, 107.0203



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 76.0260, 81.8252, 75.3992 looks on a white background.

Color Contrast Check

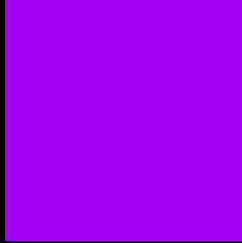
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.0260, 81.8252, 75.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

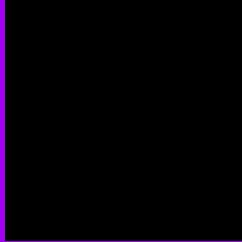
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0260, 81.8252, 75.3992

Background



This preview shows how black text looks on a background with the YUV color 76.0260, 81.8252, 75.3992.



This preview shows how white text looks on a background with the YUV color 76.0260, 81.8252,

75.3992.

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



Protanopia

85.0850, 64.5411, -74.6195

Deuteranopia

85.3010, 50.1376, -74.8090

Tritanopia

108.3560, -3.1335, 25.1208

Trichromacy



Protanomaly

82.0330, 70.4827, -20.1999

Deuteranomaly

81.7420, 61.7522, -19.9447

Tritanomaly

96.3160, 27.9452, 43.5729

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6730, 29.7412, 27.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0260, 81.8252, 75.3992 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(162, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(162, 0, 242)  
}
```

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(162, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 0, 242) }
```

Border

The CSS property to change the border of an element to YUV 76.0260, 81.8252, 75.3992 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(162, 0, 242) }
```

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

```
.border{ border-color:rgb(162, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(162, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(162, 0,  
242) }
```


Background

The CSS property to change the background color of an element to YUV 76.0260, 81.8252, 75.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 0, 242) }
```

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

```
.background{ background-color: rgb(162, 0,  
242) }
```

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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