

Converting Colors

YUV(76.2640, 63.9598, 65.5435)

Have a look what the booklet for
YUV(76.2640, 63.9598, 65.5435)
contains.

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Color

**YUV(76.2640, 63.9598,
65.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	970DCE
RGB	151, 13, 206
RGB Percent	59%, 5%, 81%
CMY	0.4078, 0.9490, 0.1922
CMYK	0.27, 0.94, 0.00, 0.19
HSL	283°, 88%, 43%
HSV	283°, 94%, 81%
XYZ	24.0470, 11.3234, 59.3107
YIQ	76.2640, 20.2950, 89.2790

Conversions

Conversions Part 2

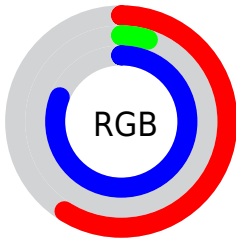
Format	Color
R_{YB}	151, 13, 206
Decimal	9899470
CIE _{Lab}	40.12, 74.34, -66.58
CIE _{LCh}	40, 99.796, 318.152
Yxy	11.3234, 0.2540, 0.1196
Android (android.graphics.Color)	4288089550 (0xFF970DCE)
YUV	76.2640, 63.9598, 65.5435
Hunter-Lab	33.6502, 68.6710, -80.9473

Details

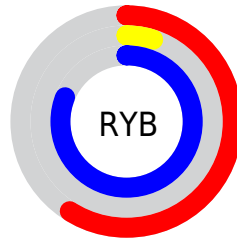
The YUV color **76.2640, 63.9598, 65.5435** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **142.7360, -63.9598, -65.5435**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3420, 55.5404, 59.3361**, and **44.9070, 51.8108, 42.1776** is the 20% darker color. If you saturate the color by 10%, you get **67.4370, 68.3116, 69.7768**, and if you desaturate by 10%, it is **90.3850, 56.9982, 58.4214**.

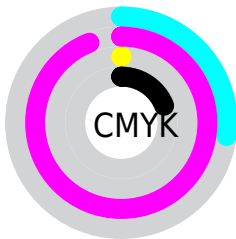
Distribution



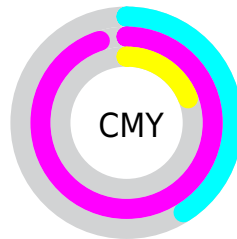
- Red (59%)
- Green (5%)
- Blue (81%)



- Red (59%)
- Yellow (5%)
- Blue (81%)



- Cyan (27%)
- Magenta (94%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (95%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2640, 63.9598, 65.5435 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 76.2640, 63.9598, 65.5435 by changing the saturation by 10% instead.

76.2640, 63.9598,
65.5435

76.2640, 63.9598,
65.5435

255.0000, 0.0000,
0.0000

56.7700, 59.7664,
57.2067

142.3420, 55.5404,
59.3361

44.9070, 51.8108,
42.1776

168.3350, 42.7258,
62.8502

32.9730, 44.8763,
26.3337

189.8430, 32.1224,
57.1427

21.3380, 37.7944,
11.1046

206.8660, 23.7301,
42.2135

8.3220, 31.8863,
-7.2984

223.8890, 15.3377,
27.2843

7.9340, 20.2455,
-6.9581

240.9120, 6.9454,

3.6650, 11.5042,

12.3552

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 76.2640, 63.9598,
65.5435

■ 76.2640, 63.9598,
65.5435

■ 67.4370, 68.3116,
69.7768

■ 90.3850, 56.9982,
58.4214

■ 103.9190, 50.3259,
51.8140

■ 118.0400, 43.3643,
44.6919

■ 131.2750, 36.8394,
37.4698

■ 145.3960, 29.8778,
30.3477

■ 159.5170, 22.9161,
23.2256

■ 173.0510, 16.2439,
16.6183

■ 187.1720, 9.2822,
9.4962

■ 200.7060, 2.6099,
2.8888

Harmonies

Analogous

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



81.9000, 85.3383, -71.8263



76.2640, 63.9598, 65.5435



79.2190, 25.5280, 119.0799

Triad

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



76.2640, 63.9598, 65.5435



89.4180, -44.0831, 46.1144



89.2040, 27.0144, -78.2319

Complementary

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



76.2640, 63.9598, 65.5435



142.7360, -63.9598, -65.5435

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.



77.6390, -9.6820, -68.0894



76.2640, 63.9598, 65.5435



82.2550, -40.5517, -13.3786

Square

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



76.2640, 63.9598, 65.5435



58.6040, -28.8918, 120.4963



68.6790, -33.8587, -60.2315



97.6400, 59.3375, -85.6303

Rectangle

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



76.2640, 63.9598, 65.5435



76.3520, 0.3195, 131.2413



68.6790, -33.8587, -60.2315



85.4250, 15.0735, -74.9177

Sweetspot

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



76.2640, 63.9598, 65.5435



207.3430, 23.4949, 24.2552



69.0480, 67.5173, -49.1541



98.2850, 14.6495, 14.6591



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.



76.2640, 63.9598, 65.5435



83.4880, 84.5554, 86.3950



88.2630, 38.8173, 103.2553



95.2330, 3.3361, 3.3037



54.5050, 54.9670, 56.5621



12.4050, 12.6183, 12.7998

Inverse Universe

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



76.9770, -4.4257, 113.1532



84.5670, -5.7025, 149.4697



130.7370, -38.8173, -103.2553



95.3320, -0.1637, 5.8478



54.9920, -3.9401, 97.3540



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 76.2640, 63.9598, 65.5435 looks on a white background.

Color Contrast Check

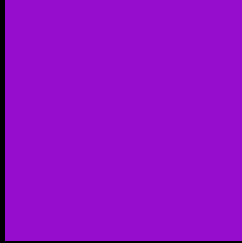
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.2640, 63.9598, 65.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

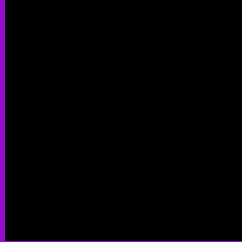
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.2640, 63.9598, 65.5435

Background



This preview shows how black text looks on a background with the YUV color 76.2640, 63.9598, 65.5435.



This preview shows how white text looks on a background with the YUV color 76.2640, 63.9598,

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

76.2640, 63.9598, 65.5435

Protanopia

76.8210, 58.2622, -67.3720

Deuteranopia

76.9060, 45.8953, -67.4466



Tritanopia

96.9330, -4.8970, 30.7538

Trichromacy



Original Color

76.2640, 63.9598, 65.5435



Protanomaly

76.6990, 60.2944, -19.0300



Deuteranomaly

76.6360, 52.4375, -18.9748



Tritanomaly

89.2530, 20.0883, 43.6281

Monochromacy



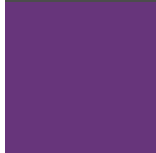
Original Color

76.2640, 63.9598, 65.5435



Achromatopsia

76.0000, 0.0000, 0.0000



Achromatomaly

75.9300, 23.2055, 23.7404

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2640, 63.9598, 65.5435 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(151, 13, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 13, 206)  
}
```

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(151, 13, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 13, 206) }
```

Border

The CSS property to change the border of an element to YUV 76.2640, 63.9598, 65.5435 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(151, 13, 206) }
```


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

```
.border{ border-color:rgb(151, 13, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 13, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 13, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 13, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 13,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 76.2640, 63.9598, 65.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 13, 206) }
```

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

```
.background{ background-color: rgb(151, 13,  
206) }
```

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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