

Converting Colors

YUV(76.2550, 74.3173, 56.7814)

Have a look what the booklet for
YUV(76.2550, 74.3173, 56.7814)
contains.

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Color

**YUV(76.2550, 74.3173,
56.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	8D0EE3
RGB	141, 14, 227
RGB Percent	55%, 5%, 89%
CMY	0.4471, 0.9451, 0.1098
CMYK	0.38, 0.94, 0.00, 0.11
HSL	276°, 88%, 47%
HSV	276°, 94%, 89%
XYZ	25.0067, 11.5228, 73.5792
YIQ	76.2550, 7.3190, 93.1670

Conversions

Conversions Part 2

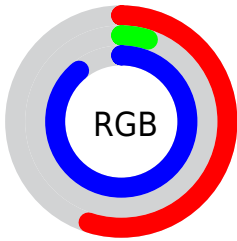
Format	Color
R_{YB}	141, 14, 227
Decimal	9244387
CIE _{Lab}	40.45, 77.08, -78.18
CIE _{LCh}	40, 109.791, 314.592
Yxy	11.5228, 0.2271, 0.1046
Android (android.graphics.Color)	4287434467 (0xFF8D0EE3)
YUV	76.2550, 74.3173, 56.7814
Hunter-Lab	33.9453, 72.0922, -104.7541

Details

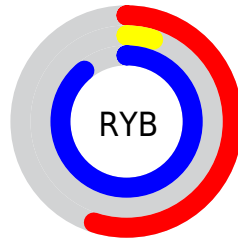
The YUV color **76.2550, 74.3173, 56.7814** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **164.7450, -74.3173, -56.7814**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9500, 56.7197, 54.4179**, and **43.0010, 62.6105, 31.5711** is the 20% darker color. If you saturate the color by 10%, you get **66.2430, 79.2532, 60.2999**, and if you desaturate by 10%, it is **92.4470, 66.3346, 50.4740**.

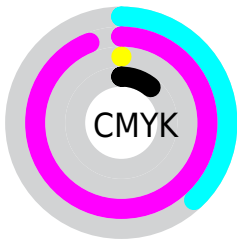
Distribution



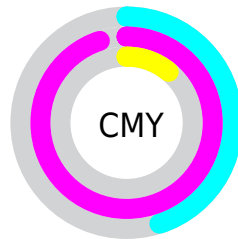
- Red (55%)
- Green (5%)
- Blue (89%)



- Red (55%)
- Yellow (5%)
- Blue (89%)



- Cyan (38%)
- Magenta (94%)
- Yellow (0%)
- Black (11%)





- Cyan (45%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.2550, 74.3173, 56.7814 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 76.2550, 74.3173, 56.7814 by changing the saturation by 10% instead.


 76.2550, 74.3173,
56.7814


 76.2550, 74.3173,
56.7814


255.0000, 0.0000,
0.0000


 55.7610, 70.1238,
48.4446


 139.9500, 56.7197,
54.4179


 43.0010, 62.6105,
31.5711


 165.9430, 43.9051,
57.9320


 29.4580, 55.9762,
12.7533


 189.8430, 32.1224,
57.1427

 13.2240, 50.6686,
-11.5974

 206.8660, 23.7301,
42.2135

 10.2600, 39.3118,
-8.9980

 223.8890, 15.3377,
27.2843

 11.6330, 26.8029,
-10.2021

 240.9120, 6.9454,

 6.6630, 17.9141,

12.3552

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 76.2550, 74.3173,
56.7814

■ 76.2550, 74.3173,
56.7814

■ 66.2430, 79.2532,
60.2999

■ 92.4470, 66.3346,
50.4740

■ 108.0520, 58.6414,
44.6814

■ 124.2440, 50.6587,
38.3740

■ 140.7350, 42.5286,
32.6814

■ 156.9270, 34.5460,
26.3740

■ 172.5320, 26.8527,
20.5814

■ 188.7240, 18.8701,
14.2741

■ 204.9160, 10.8874,
7.9667

■ 220.5210, 3.1941,
2.1741

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



76.2550, 74.3173, 56.7814



83.3210, 30.9007, 122.4985

Triad

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



76.2550, 74.3173, 56.7814



88.8970, -43.8262, 57.0953



89.8080, 24.2517, -78.7616

Complementary

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



76.2550, 74.3173, 56.7814



164.7450, -74.3173, -56.7814

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.



76.9890, -17.2496, -67.5194



76.2550, 74.3173, 56.7814



84.0600, -41.4416, -7.9456

Square

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



76.2550, 74.3173, 56.7814



62.7900, -30.9555, 129.1032



69.2660, -34.1481, -60.7463



99.9710, 60.6533, -87.6746

Rectangle

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



76.2550, 74.3173, 56.7814



81.0800, 2.9186, 137.6188



69.2660, -34.1481, -60.7463



85.6870, 11.0003, -75.1475

Sweetspot

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



76.2550, 74.3173, 56.7814



204.6520, 24.8216, 18.7222



90.5250, 67.2822, -67.1124



96.7900, 15.3865, 11.5852



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.



76.2550, 74.3173, 56.7814



74.5180, 88.9776, 67.9517



99.9170, 53.7779, 111.4518



106.4610, 4.2097, 3.1037



52.1000, 62.5617, 47.2703



14.7840, 17.8545, 13.3444

Inverse Universe

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



87.4910, 6.1669, 122.3494



87.9870, 7.4014, 146.4704



141.0830, -53.7779, -111.4518



107.1580, 0.4151, 6.8774



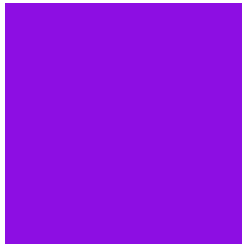
61.7290, 5.0636, 102.8467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 76.2550, 74.3173, 56.7814 looks on a white background.

Color Contrast Check

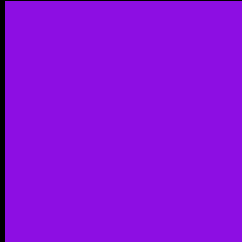
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.2550, 74.3173, 56.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

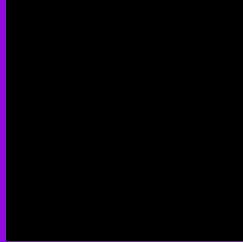
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.2550, 74.3173, 56.7814

Background



This preview shows how black text looks on a background with the YUV color 76.2550, 74.3173, 56.7814.



This preview shows how white text looks on a background with the YUV color 76.2550, 74.3173,

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

76.2550, 74.3173, 56.7814

Protanopia

76.9350, 58.6990, -67.4720

Deuteranopia

77.3790, 45.1692, -67.8614



Tritanopia

97.5720, -0.7750, 15.2844

Trichromacy



Original Color

76.2550, 74.3173, 56.7814



Protanomaly

76.4150, 64.3784, -22.2890



Deuteranomaly

76.8250, 55.7953, -22.6485



Tritanomaly

89.8860, 26.6782, 29.9180

Monochromacy



Original Color

76.2550, 74.3173, 56.7814



Achromatopsia

76.0000, 0.0000, 0.0000



Achromatomaly

75.9450, 27.1421, 21.0962

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2550, 74.3173, 56.7814 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(141, 14, 227)` looks like.

```
.text, #text, p{  
    color:rgb(141, 14, 227)  
}
```

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(141, 14, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 14, 227) }
```

Border

The CSS property to change the border of an element to YUV 76.2550, 74.3173, 56.7814 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(141, 14, 227) }
```


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

```
.border{ border-color:rgb(141, 14, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 14, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 14, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 14, 227);  
box-shadow:4px 4px 4px 4px rgb(141, 14,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 76.2550, 74.3173, 56.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 14, 227) }
```

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

```
.background{ background-color: rgb(141, 14,  
227) }
```

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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