

Converting Colors

YUV(89.5240, 76.1567, 26.7275)

Have a look what the booklet for
YUV(89.5240, 76.1567, 26.7275)
contains.

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Color

**YUV(89.5240, 76.1567,
26.7275)**

Conversions

Conversions Part 1

Format	Color
Hex	782CF4
RGB	120, 44, 244
RGB Percent	47%, 17%, 96%
CMY	0.5294, 0.8275, 0.0431
CMYK	0.51, 0.82, 0.00, 0.04
HSL	263°, 90%, 56%
HSV	263°, 82%, 96%
XYZ	24.9755, 12.3261, 86.6508
YIQ	89.5240, -18.9040, 78.3120

Conversions

Conversions Part 2

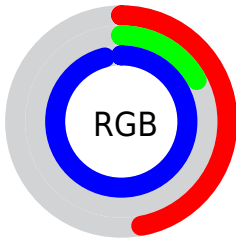
Format	Color
R _{YB}	120, 44, 244
Decimal	7875828
CIE Lab	41.73, 71.42, -85.81
CIE LCh	42, 111.639, 309.772
Yxy	12.3261, 0.2015, 0.0994
Android (android.graphics.Color)	4286065908 (0xFF782CF4)
YUV	89.5240, 76.1567, 26.7275
Hunter-Lab	35.1085, 65.5416, -121.7567

Details

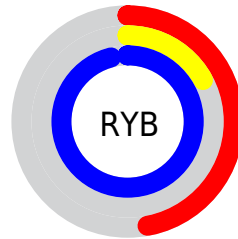
The YUV color **89.5240, 76.1567, 26.7275** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **198.4760, -76.1567, -26.7275**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0740, 55.1795, 35.0151**, and **35.5560, 74.1689, 10.9134** is the 20% darker color. If you saturate the color by 10%, you get **70.9510, 85.3132, 29.8610**, and if you desaturate by 10%, it is **108.0970, 67.0002, 23.5939**.

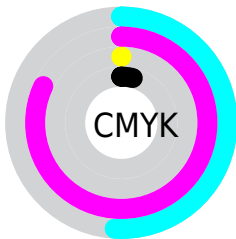
Distribution



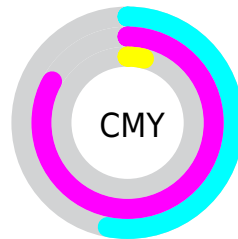
- Red (47%)
- Green (17%)
- Blue (96%)



- Red (47%)
- Yellow (17%)
- Blue (96%)



- Cyan (51%)
- Magenta (82%)
- Yellow (0%)
- Black (4%)





- Cyan (53%)
- Magenta (83%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.5240, 76.1567, 26.7275 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 89.5240, 76.1567, 26.7275 by changing the saturation by 10% instead.


 89.5240, 76.1567,
26.7275


 89.5240, 76.1567,
26.7275


255.0000, 0.0000,
0.0000

 51.6970, 80.5084,
30.9607


 143.0740, 55.1795,
35.0151


 35.5560, 74.1689,
10.9134


 168.1920, 42.7963,
40.1736


 18.0120, 69.0141,
-15.7965


 193.8970, 30.1238,
44.8173

 14.9340, 57.2205,
-13.0971

 213.9100, 20.2574,
36.0359

 11.9700, 45.8638,
-10.4977

 230.3460, 12.1544,
21.6216

 14.8760, 31.6131,
-13.0463

 247.9560, 3.4727,

 9.3190, 23.0137,

6.1776

-8.1728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 89.5240, 76.1567,
26.7275

■ 89.5240, 76.1567,
26.7275

■ 70.9510, 85.3132,
29.8610

■ 108.0970, 67.0002,
23.5939

■ 55.6230, 92.8699,
32.7796

■ 127.2570, 57.5543,
19.9456

■ 145.8300, 48.3978,
16.8121

■ 165.2890, 38.8045,
13.7785

■ 183.8620, 29.6480,
10.6450

■ 202.4350, 20.4915,
7.5115

■ 221.5950, 11.0457,
3.8632

■ 240.1680, 1.8892,
0.7297

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



89.5240, 76.1567, 26.7275



84.7750, 39.0579, 119.4693

Triad

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



89.5240, 76.1567, 26.7275



89.8600, -44.3010, 69.4058



90.3150, 18.5787, -79.2063

Complementary

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



89.5240, 76.1567, 26.7275



198.4760, -76.1567, -26.7275

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.



77.1710, -26.7063, -67.6790



89.5240, 76.1567, 26.7275



89.4420, -44.0949, 3.1204

Square

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



89.5240, 76.1567, 26.7275



66.3780, -32.7244, 136.4805



71.0270, -35.0163, -62.2907



101.6350, 56.8749, -89.1339

Rectangle

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



89.5240, 76.1567, 26.7275



84.5130, 9.6071, 138.9931



71.0270, -35.0163, -62.2907



86.0800, 4.8906, -75.4922

Sweetspot

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



89.5240, 76.1567, 26.7275



205.4720, 24.4173, 8.3561



141.3490, 50.6069, -85.3751



97.9310, 14.8240, 5.3225



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.



89.5240, 76.1567, 26.7275



61.9050, 95.1958, 33.4093



118.5270, 61.8582, 86.3608



112.8630, 4.5045, 1.8741



42.4330, 70.7785, 25.0533



13.3040, 22.5281, 7.6264

Inverse Universe

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



117.9360, 24.6816, 110.5581



97.4200, 30.8519, 138.1977



169.4730, -61.8582, -86.3608



114.5000, 1.7255, 6.5775



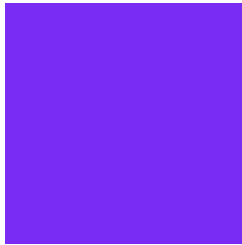
68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 89.5240, 76.1567, 26.7275 looks on a white background.

Color Contrast Check

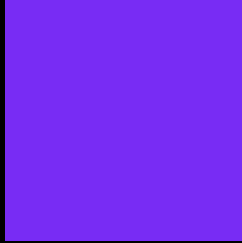
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.5240, 76.1567, 26.7275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

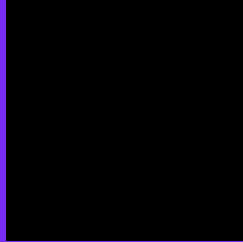
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5240, 76.1567, 26.7275

Background



This preview shows how black text looks on a background with the YUV color 89.5240, 76.1567, 26.7275.



This preview shows how white text looks on a background with the YUV color 89.5240, 76.1567,

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

89.5240, 76.1567, 26.7275

Protanopia

78.5650, 59.8675, -68.9015

Deuteranopia

78.7810, 45.4640, -69.0909



Tritanopia

96.0460, 6.8793, -13.1953

Trichromacy



Original Color

89.5240, 76.1567, 26.7275

Protanomaly

82.3920, 65.8687, -33.6698

Deuteranomaly

82.6880, 56.8488, -33.9294

Tritanomaly

93.4910, 32.2959, 1.3234

Monochromacy



Original Color

89.5240, 76.1567, 26.7275

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6940, 27.7589, 9.9154

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5240, 76.1567, 26.7275 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(120, 44, 244)` looks like.

```
.text, #text, p{  
    color:rgb(120, 44, 244)  
}
```

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(120, 44, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 44, 244) }
```

Border

The CSS property to change the border of an element to YUV 89.5240, 76.1567, 26.7275 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(120, 44, 244) }
```


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

```
.border{ border-color:rgb(120, 44, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 44, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 44, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 44, 244);  
box-shadow:4px 4px 4px 4px rgb(120, 44,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 89.5240, 76.1567, 26.7275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 44, 244) }
```

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

```
.background{ background-color: rgb(120, 44,  
244) }
```

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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