

Converting Colors

YUV(79.4110, 57.4784, 44.3666)

Have a look what the booklet for
YUV(79.4110, 57.4784, 44.3666)
contains.

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Color

**YUV(79.4110, 57.4784,
44.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	821FC4
RGB	130, 31, 196
RGB Percent	51%, 12%, 77%
CMY	0.4902, 0.8784, 0.2314
CMYK	0.34, 0.84, 0.00, 0.23
HSL	276°, 73%, 45%
HSV	276°, 84%, 77%
XYZ	19.6597, 9.7113, 53.0628
YIQ	79.4110, 6.0390, 72.3030

Conversions

Conversions Part 2

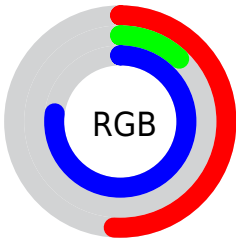
Format	Color
R _Y B	130, 31, 196
Decimal	8527812
CIE Lab	37.32, 65.87, -65.46
CIE LCh	37, 92.867, 315.181
Yxy	9.7113, 0.2385, 0.1178
Android (android.graphics.Color)	4286717892 (0xFF821FC4)
YUV	79.4110, 57.4784, 44.3666
Hunter-Lab	31.1630, 58.0746, -79.1421

Details

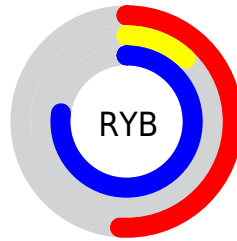
The YUV color **79.4110, 57.4784, 44.3666** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **147.5890, -57.4784, -44.3666**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9980, 57.1890, 43.8518**, and **37.6020, 50.9752, 30.1670** is the 20% darker color. If you saturate the color by 10%, you get **65.2790, 64.4455, 49.7443**, and if you desaturate by 10%, it is **93.5430, 50.5113, 38.9888**.

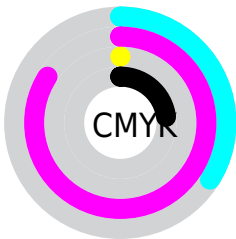
Distribution



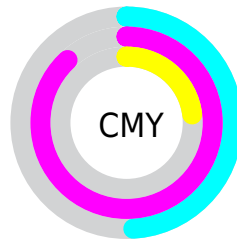
- Red (51%)
- Green (12%)
- Blue (77%)



- Red (51%)
- Yellow (12%)
- Blue (77%)



- Cyan (34%)
- Magenta (84%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (88%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4110, 57.4784, 44.3666 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 79.4110, 57.4784, 44.3666 by changing the saturation by 10% instead.

79.4110, 57.4784,
44.3666

79.4110, 57.4784,
44.3666

255.0000, 0.0000,
0.0000

49.3510, 58.4940,
45.2962

137.9980, 57.1890,
43.8518

37.6020, 50.9752,
30.1670

163.5180, 45.1006,
47.7807

25.0700, 44.3355,
13.0936

188.9240, 32.5755,
51.8097

10.1460, 38.8750,
-8.8980

207.4530, 23.4407,
41.6987

7.2960, 27.9551,
-6.3986

224.4760, 15.0483,
26.7695

6.4350, 17.0405,
-5.6435

241.4990, 6.6560,

2.7530, 8.0098,

11.8404

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 79.4110, 57.4784,
44.3666

■ 79.4110, 57.4784,
44.3666

■ 65.2790, 64.4455,
49.7443

■ 93.5430, 50.5113,
38.9888

■ 57.6260, 68.2184,
52.9480

■ 107.0880, 43.8336,
34.1258

■ 121.2200, 36.8665,
28.7481

■ 134.4660, 30.3363,
23.2703

■ 148.5980, 23.3692,
17.8926

■ 162.7300, 16.4021,
12.5148

■ 176.2750, 9.7244,
7.6518

■ 190.4070, 2.7573,
2.2741

■ 203.9520, -3.9203,
-2.5889

Harmonies

Analogous

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



78.0870, 78.3441, -68.4823



79.4110, 57.4784, 44.3666



73.1960, 27.0184, 107.6991

Triad

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



79.4110, 57.4784, 44.3666



82.3520, -40.5995, 48.8033



81.8690, 21.7566, -71.7991

Complementary

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



79.4110, 57.4784, 44.3666



147.5890, -57.4784, -44.3666

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.



71.5750, -12.6085, -62.7713



79.4110, 57.4784, 44.3666



77.8800, -38.3948, -5.1568

Square

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



79.4110, 57.4784, 44.3666



55.3150, -27.2703, 113.7337



63.3960, -31.2542, -55.5983



89.7350, 51.8956, -78.6976

Rectangle

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



79.4110, 57.4784, 44.3666



71.4970, 3.6990, 120.5901



63.3960, -31.2542, -55.5983



78.3180, 10.6892, -68.6849

Sweetspot

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



79.4110, 57.4784, 44.3666



209.9570, 22.2062, 17.5777



88.5520, 52.9719, -50.4731



100.3230, 13.6448, 10.2407



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.



79.4110, 57.4784, 44.3666



74.8170, 88.8302, 68.5665



97.3210, 40.7607, 86.5415



89.9340, 3.4835, 2.6889



47.0580, 56.1734, 42.9221



9.7420, 11.4662, 8.9963

Inverse Universe

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



87.8590, 4.5065, 94.8397



87.8730, 6.9646, 146.5704



129.6790, -40.7607, -86.5415



90.4460, 0.2731, 5.7479



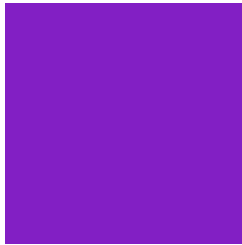
55.4350, 4.2225, 92.5805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 79.4110, 57.4784, 44.3666 looks on a white background.

Color Contrast Check

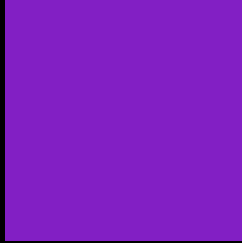
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 79.4110, 57.4784, 44.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

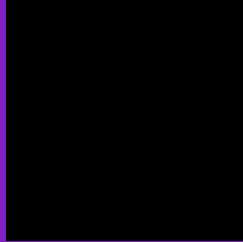
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4110, 57.4784, 44.3666

Background



This preview shows how black text looks on a background with the YUV color 79.4110, 57.4784, 44.3666.



This preview shows how white text looks on a background with the YUV color 79.4110, 57.4784,

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

79.4110, 57.4784, 44.3666

Protanopia

71.0020, 53.7360, -62.2688

Deuteranopia

71.2010, 41.8059, -62.4433



Tritanopia

89.7680, -1.3646, 17.7435

Trichromacy



Original Color

79.4110, 57.4784, 44.3666



Protanomaly

73.9990, 55.2165, -23.6781



Deuteranomaly

74.0500, 47.7964, -23.7228



Tritanomaly

85.8550, 20.2845, 27.3142

Monochromacy



Original Color

79.4110, 57.4784, 44.3666



Achromatopsia

79.0000, 0.0000, 0.0000



Achromatomaly

79.6040, 20.9012, 16.1333

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4110, 57.4784, 44.3666 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(130, 31, 196)` looks like.

```
.text, #text, p{  
    color:rgb(130, 31, 196)  
}
```

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(130, 31, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 31, 196) }
```

Border

The CSS property to change the border of an element to YUV 79.4110, 57.4784, 44.3666 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(130, 31, 196) }
```


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

```
.border{ border-color:rgb(130, 31, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 31, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 31, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 31, 196);  
box-shadow:4px 4px 4px 4px rgb(130, 31,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 79.4110, 57.4784, 44.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 31, 196) }
```

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

```
.background{ background-color: rgb(130, 31,  
196) }
```

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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