

Converting Colors

YUV(94.5580, 67.7589, 13.5426)

Have a look what the booklet for
YUV(94.5580, 67.7589, 13.5426)
contains.

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Color

**YUV(94.5580, 67.7589,
13.5426)**

Conversions

Conversions Part 1

Format	Color
Hex	6E3CE8
RGB	110, 60, 232
RGB Percent	43%, 24%, 91%
CMY	0.5686, 0.7647, 0.0902
CMYK	0.53, 0.74, 0.00, 0.09
HSL	257°, 79%, 57%
HSV	257°, 74%, 91%
XYZ	22.6118, 12.3729, 77.5404
YIQ	94.5580, -25.4120, 64.0920

Conversions

Conversions Part 2

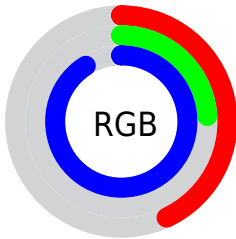
Format	Color
R_{YB}	110, 60, 232
Decimal	7224552
CIE _{Lab}	41.80, 60.66, -78.94
CIE _{LCh}	42, 99.559, 307.541
Yxy	12.3729, 0.2009, 0.1100
Android (android.graphics.Color)	4285414632 (0xFF6E3CE8)
YUV	94.5580, 67.7589, 13.5426
Hunter-Lab	35.1751, 53.1892, -106.0767

Details

The YUV color **94.5580, 67.7589, 13.5426** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **197.4420, -67.7589, -13.5426**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2420, 53.6177, 22.5898**, and **31.3120, 70.8382, 5.8654** is the 20% darker color. If you saturate the color by 10%, you get **76.2730, 76.7734, 15.5466**, and if you desaturate by 10%, it is **112.8430, 58.7444, 11.5387**.

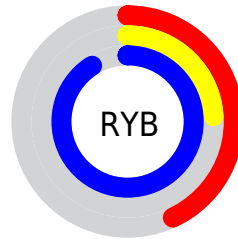
Distribution



Red (43%)

Green (24%)

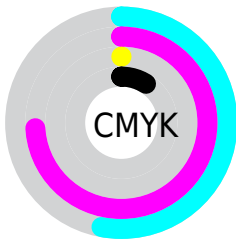
Blue (91%)



Red (43%)

Yellow (24%)

Blue (91%)

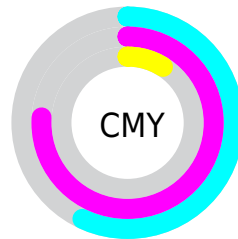


Cyan (53%)

Magenta (74%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (76%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5580, 67.7589, 13.5426 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 94.5580, 67.7589, 13.5426 by changing the saturation by 10% instead.

94.5580, 67.7589,
13.5426

94.5580, 67.7589,
13.5426

255.0000, 0.0000,
0.0000

65.5360, 67.7698,
10.0539

146.2420, 53.6177,
22.5898

31.3120, 70.8382,
5.8654

171.0610, 41.3819,
27.1335

16.7580, 64.2093,
-14.6968

196.1790, 28.9988,
32.2920

13.7940, 52.8526,
-12.0973

219.1930, 17.6529,
31.4027

10.8300, 41.4958,
-9.4979

236.2160, 9.2605,
16.4736

12.6760, 28.2607,
-11.1169

253.2390, 0.8682,

7.7060, 19.3719,

1.5444

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 94.5580, 67.7589,
13.5426

■ 94.5580, 67.7589,
13.5426

■ 76.2730, 76.7734,
15.5466

■ 112.8430, 58.7444,
11.5387

■ 57.6890, 85.9353,
16.9357

■ 131.4270, 49.5825,
10.1495

■ 46.4810, 91.4609,
17.9952

■ 150.2990, 40.2786,
7.6308

■ 168.8830, 31.1167,
6.2416

■ 187.1680, 22.1022,
4.2377

■ 205.7520, 12.9403,
2.8485

■ 224.0370, 3.9258,
0.8446

■ 243.2080, -5.5255,
-1.0594

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



94.5580, 67.7589, 13.5426



79.8770, 40.9796, 109.7329

Triad

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



94.5580, 67.7589, 13.5426



90.1480, -44.4430, 68.2762



88.5880, 14.5001, -77.6917

Complementary

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



94.5580, 67.7589, 13.5426



197.4420, -67.7589, -13.5426

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.



76.3390, -24.8171, -66.9493



94.5580, 67.7589, 13.5426



90.9590, -44.8428, 9.6830

Square

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



94.5580, 67.7589, 13.5426



64.2850, -31.6925, 132.1771



69.2660, -34.1481, -60.7463



98.4090, 49.5914, -86.3047

Rectangle

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



94.5580, 67.7589, 13.5426



80.5980, 14.0022, 129.2716



69.2660, -34.1481, -60.7463



84.6950, 2.1224, -74.2775

Sweetspot

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



94.5580, 67.7589, 13.5426



210.1680, 22.1022, 4.2377



151.8090, 39.5342, -80.5165



100.8660, 13.3771, 2.7485



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.



94.5580, 67.7589, 13.5426



73.6120, 89.4243, 17.8803



119.9730, 55.2293, 65.7987



105.5640, 4.6519, 1.2594



35.9540, 70.5217, 14.0723



10.2990, 20.0656, 4.1228

Inverse Universe

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



125.3360, 27.9354, 93.5443



114.2270, 36.8631, 123.4579



172.0270, -55.2293, -65.7987



107.5000, 1.7255, 6.5775



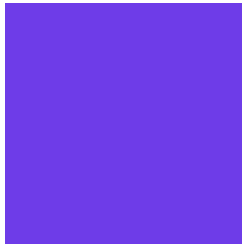
67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 94.5580, 67.7589, 13.5426 looks on a white background.

Color Contrast Check

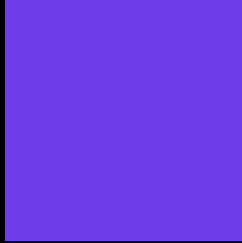
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5580, 67.7589, 13.5426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

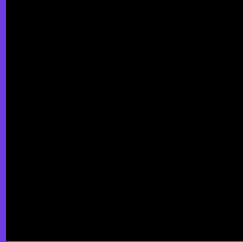
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.5580, 67.7589, 13.5426

Background



This preview shows how black text looks on a background with the YUV color 94.5580, 67.7589, 13.5426.



This preview shows how white text looks on a background with the YUV color 94.5580, 67.7589,

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

94.5580, 67.7589, 13.5426

Protanopia

78.5650, 59.8675, -68.9015

Deuteranopia

78.8950, 45.9008, -69.1909



Tritanopia

94.7570, 8.5008, -19.9579

Trichromacy



Original Color

94.5580, 67.7589, 13.5426



Protanomaly

84.2620, 62.9748, -38.8178



Deuteranomaly

84.5580, 53.9549, -39.0774



Tritanomaly

94.5670, 30.2865, -7.5133

Monochromacy



Original Color

94.5580, 67.7589, 13.5426



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.5640, 24.8649, 4.7674

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5580, 67.7589, 13.5426 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(110, 60, 232)` looks like.

```
.text, #text, p{  
    color:rgb(110, 60, 232)  
}
```

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(110, 60, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 60, 232) }
```

Border

The CSS property to change the border of an element to YUV 94.5580, 67.7589, 13.5426 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(110, 60, 232) }
```


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

```
.border{ border-color:rgb(110, 60, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 60, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 60, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 60, 232);  
box-shadow:4px 4px 4px 4px rgb(110, 60,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 94.5580, 67.7589, 13.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 60, 232) }
```

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

```
.background{ background-color: rgb(110, 60,  
232) }
```

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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