

Converting Colors

YUV(95.1590, 66.4766, 51.6036)

Have a look what the booklet for
YUV(95.1590, 66.4766, 51.6036)
contains.

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Color

**YUV(95.1590, 66.4766,
51.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	9A27E6
RGB	154, 39, 230
RGB Percent	60%, 15%, 90%
CMY	0.3961, 0.8471, 0.0980
CMYK	0.33, 0.83, 0.00, 0.10
HSL	276°, 79%, 53%
HSV	276°, 83%, 90%
XYZ	28.3349, 14.0342, 76.0784
YIQ	95.1590, 7.2290, 83.7810

Conversions

Conversions Part 2

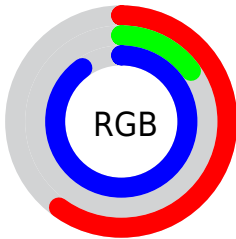
Format	Color
R _Y B	154, 39, 230
Decimal	10102758
CIE Lab	44.28, 74.18, -73.54
CIE LCh	44, 104.451, 315.248
Yxy	14.0342, 0.2392, 0.1185
Android (android.graphics.Color)	4288292838 (0xFF9A27E6)
YUV	95.1590, 66.4766, 51.6036
Hunter-Lab	37.4623, 69.4507, -94.1824

Details

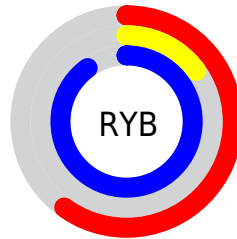
The YUV color **95.1590, 66.4766, 51.6036** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **173.8410, -66.4766, -51.6036**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3430, 50.6099, 54.0732**, and **47.8280, 61.7098, 40.4928** is the 20% darker color. If you saturate the color by 10%, you get **78.9670, 74.4593, 57.9109**, and if you desaturate by 10%, it is **111.3510, 58.4940, 45.2962**.

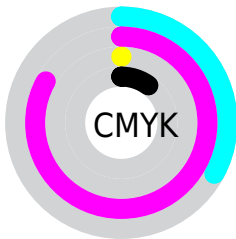
Distribution



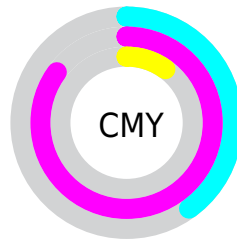
- Red (60%)
- Green (15%)
- Blue (90%)



- Red (60%)
- Yellow (15%)
- Blue (90%)



- Cyan (33%)
- Magenta (83%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (85%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1590, 66.4766, 51.6036 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 95.1590, 66.4766, 51.6036 by changing the saturation by 10% instead.

95.1590, 66.4766,
51.6036

95.1590, 66.4766,
51.6036

255.0000, 0.0000,
0.0000

59.9900, 69.5179,
56.1368

152.3430, 50.6099,
54.0732

47.8280, 61.7098,
40.4928

178.0480, 37.9373,
58.7169

35.4810, 54.4859,
24.1342

198.0610, 28.0709,
49.9355

21.0410, 48.2938,
3.4720

214.4970, 19.9680,
35.5211

10.6020, 40.6222,
-9.2980

231.5200, 11.5756,
20.5920

9.5130, 28.8341,
-8.3429

249.1300, 2.8939,

6.8910, 18.7877,

5.1480

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 95.1590, 66.4766,
51.6036

■ 95.1590, 66.4766,
51.6036

■ 78.9670, 74.4593,
57.9109

■ 111.3510, 58.4940,
45.2962

■ 67.4820, 80.1214,
61.8443

■ 127.5430, 50.5113,
38.9888

■ 143.7350, 42.5286,
32.6814

■ 160.2260, 34.3986,
26.9888

■ 176.4180, 26.4159,
20.6814

■ 192.6100, 18.4333,
14.3740

■ 208.8020, 10.4506,
8.0666

■ 224.9940, 2.4680,
1.7593

■ 241.1860, -5.5147,
-4.5481

Harmonies

Analogous

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



89.5310, 81.5762, -78.5187



95.1590, 66.4766, 51.6036



85.9840, 32.0529, 126.3020

Triad

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



95.1590, 66.4766, 51.6036



98.3330, -48.4782, 55.8360



96.8180, 25.7257, -84.9094

Complementary

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



95.1590, 66.4766, 51.6036



173.8410, -66.4766, -51.6036

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.



84.4550, -14.0283, -74.0670



95.1590, 66.4766, 51.6036



93.2190, -45.9570, -6.3311

Square

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



95.1590, 66.4766, 51.6036



64.8830, -31.9873, 133.4066



75.1360, -37.0420, -65.8943



105.9380, 60.6696, -92.9076

Rectangle

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



95.1590, 66.4766, 51.6036



83.9710, 4.9443, 141.2224



75.1360, -37.0420, -65.8943



92.8110, 12.9112, -81.3952

Sweetspot

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



95.1590, 66.4766, 51.6036



209.9570, 22.2062, 17.5777



105.3860, 61.4347, -58.2205



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.



95.1590, 66.4766, 51.6036



75.1160, 88.6828, 69.1813



115.7170, 46.9745, 100.2262



106.4610, 4.2097, 3.1037



52.3990, 62.4143, 47.8851



15.0830, 17.7071, 13.9592

Inverse Universe

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



104.7730, 5.0419, 109.8241



87.7590, 6.5278, 146.6704



153.2830, -46.9745, -100.2262



107.1580, 0.4151, 6.8774



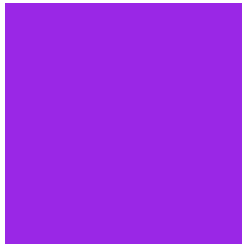
61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 95.1590, 66.4766, 51.6036 looks on a white background.

Color Contrast Check

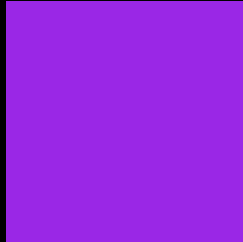
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.1590, 66.4766, 51.6036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

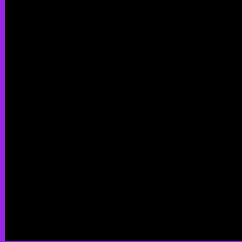
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1590, 66.4766, 51.6036

Background



This preview shows how black text looks on a background with the YUV color 95.1590, 66.4766, 51.6036.



This preview shows how white text looks on a background with the YUV color 95.1590, 66.4766,

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

95.1590, 66.4766, 51.6036

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

84.4860, 49.5534, -74.0942



Tritanopia

106.5620, -2.2491, 21.4321

Trichromacy



Original Color

95.1590, 66.4766, 51.6036



Protanomaly

87.6100, 65.2683, -27.7220



Deuteranomaly

88.3790, 55.5222, -28.3964



Tritanomaly

102.5720, 22.8890, 31.9474

Monochromacy



Original Color

95.1590, 66.4766, 51.6036



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

95.1250, 24.0954, 18.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1590, 66.4766, 51.6036 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(154, 39, 230)` looks like.

```
.text, #text, p{  
    color:rgb(154, 39, 230)  
}
```

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(154, 39, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 39, 230) }
```

Border

The CSS property to change the border of an element to YUV 95.1590, 66.4766, 51.6036 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(154, 39, 230) }
```


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

```
.border{ border-color:rgb(154, 39, 230) }
```

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

Here you see how a box with a 4 pixel rgb(154, 39, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 39, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 39, 230);  
box-shadow:4px 4px 4px 4px rgb(154, 39,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 95.1590, 66.4766, 51.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 39, 230) }
```

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

```
.background{ background-color: rgb(154, 39,  
230) }
```

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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