

Converting Colors

YUV(86.6860, 67.2028, 52.0184)

Have a look what the booklet for
YUV(86.6860, 67.2028, 52.0184)
contains.

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Color

**YUV(86.6860, 67.2028,
52.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	921EDF
RGB	146, 30, 223
RGB Percent	57%, 12%, 87%
CMY	0.4275, 0.8824, 0.1255
CMYK	0.35, 0.87, 0.00, 0.13
HSL	276°, 76%, 50%
HSV	276°, 87%, 87%
XYZ	25.6376, 12.3673, 70.8479
YIQ	86.6860, 7.1830, 84.6150

Conversions

Conversions Part 2

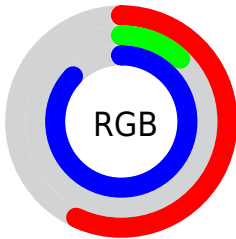
Format	Color
R_{YB}	146, 30, 223
Decimal	9576159
CIE _{Lab}	41.79, 73.95, -73.66
CIE _{LCh}	42, 104.377, 315.110
Yxy	12.3673, 0.2355, 0.1136
Android (android.graphics.Color)	4287766239 (0xFF921EDF)
YUV	86.6860, 67.2028, 52.0184
Hunter-Lab	35.1671, 68.5881, -94.8291

Details

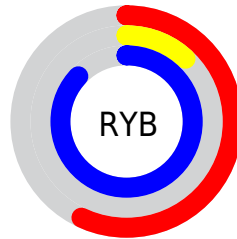
The YUV color **86.6860, 67.2028, 52.0184** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **166.3140, -67.2028, -52.0184**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8420, 53.8149, 52.7586**, and **44.6380, 59.8315, 36.2745** is the 20% darker color. If you saturate the color by 10%, you get **71.0810, 74.8961, 57.8110**, and if you desaturate by 10%, it is **102.2910, 59.5095, 46.2258**.

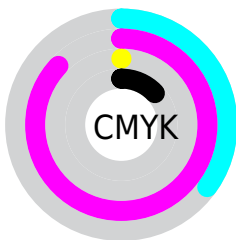
Distribution



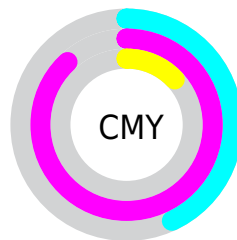
- Red (57%)
- Green (12%)
- Blue (87%)



- Red (57%)
- Yellow (12%)
- Blue (87%)



- Cyan (35%)
- Magenta (87%)
- Yellow (0%)
- Black (13%)



- Cyan (43%)
- Magenta (88%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6860, 67.2028, 52.0184 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 86.6860, 67.2028, 52.0184 by changing the saturation by 10% instead.

86.6860, 67.2028,
52.0184

86.6860, 67.2028,
52.0184

255.0000, 0.0000,
0.0000

56.8000, 67.6396,
51.9184

145.8420, 53.8149,
52.7586

44.6380, 59.8315,
36.2745

171.2480, 41.2897,
56.7875

31.6930, 52.9024,
18.6862

193.9520, 30.0967,
53.5391

16.7690, 47.4419,
-3.3054

210.3880, 21.9937,
39.1247

9.9180, 38.0014,
-8.6981

227.4110, 13.6014,
24.1956

10.7040, 25.7819,
-9.3874

245.0210, 4.9196,

6.3210, 16.6037,

8.7516

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 86.6860, 67.2028,
52.0184

■ 86.6860, 67.2028,
52.0184

■ 71.0810, 74.8961,
57.8110

■ 102.2910, 59.5095,
46.2258

■ 65.4880, 77.6534,
60.0850

■ 118.4830, 51.5269,
39.9184

■ 134.0880, 43.8336,
34.1258

■ 149.6930, 36.1404,
28.3332

■ 164.9990, 28.5945,
21.9259

■ 181.1910, 20.6118,
15.6185

■ 196.7960, 12.9186,
9.8259

■ 212.4010, 5.2253,
4.0333

■ 228.5930, -2.7573,
-2.2741

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



86.6860, 67.2028, 52.0184



82.9080, 30.6114, 121.9837

Triad

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



86.6860, 67.2028, 52.0184



92.7180, -45.7100, 54.6213



91.9110, 24.6939, -80.6059

Complementary

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



86.6860, 67.2028, 52.0184



166.3140, -67.2028, -52.0184

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.



79.6620, -14.6234, -69.8636



86.6860, 67.2028, 52.0184



87.6040, -43.1888, -7.5457

Square

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



86.6860, 67.2028, 52.0184



62.4910, -30.8081, 128.4884



71.0270, -35.0163, -62.2907



101.6180, 59.3483, -89.1190

Rectangle

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



86.6860, 67.2028, 52.0184



81.0090, 3.9396, 136.8041



71.0270, -35.0163, -62.2907



87.9040, 11.8793, -77.0918

Sweetspot

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



86.6860, 67.2028, 52.0184



208.4840, 22.9324, 17.9925



97.2010, 62.0189, -58.9353



99.7360, 13.9342, 10.7555



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.



86.6860, 67.2028, 52.0184



74.8170, 88.8302, 68.5665



107.5430, 47.5533, 101.2558



104.3470, 3.7729, 3.2037



51.7580, 61.2513, 47.5702



14.1430, 16.6915, 13.0296

Inverse Universe

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



96.4850, 5.1839, 110.9537



87.8730, 6.9646, 146.5704



145.4570, -47.5533, -101.2558



104.7450, 0.1257, 6.3626



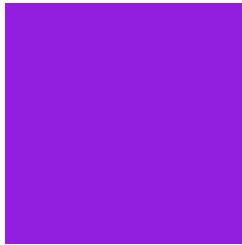
60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 86.6860, 67.2028, 52.0184 looks on a white background.

Color Contrast Check

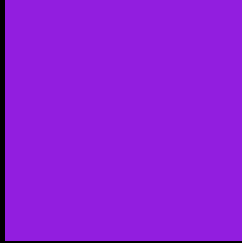
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.6860, 67.2028, 52.0184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

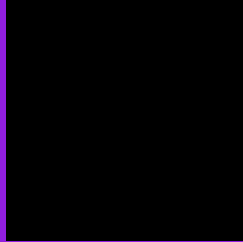
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6860, 67.2028, 52.0184

Background



This preview shows how black text looks on a background with the YUV color 86.6860, 67.2028, 52.0184.



This preview shows how white text looks on a background with the YUV color 86.6860, 67.2028,

52.0184.

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

86.6860, 67.2028, 52.0184

Protanopia

79.3800, 60.4517, -69.6163

Deuteranopia

79.7100, 46.4850, -69.9057



Tritanopia

100.3660, -1.6594, 18.9730

Trichromacy



Original Color

86.6860, 67.2028, 52.0184



Protanomaly

82.0510, 63.0789, -25.4777



Deuteranomaly

82.3470, 54.0589, -25.7373



Tritanomaly

95.3870, 23.4732, 31.2326

Monochromacy



Original Color

86.6860, 67.2028, 52.0184



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.5380, 24.3848, 18.8222

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6860, 67.2028, 52.0184 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(146, 30, 223)` looks like.

```
.text, #text, p{  
    color:rgb(146, 30, 223)  
}
```

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(146, 30, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 30, 223) }
```

Border

The CSS property to change the border of an element to YUV 86.6860, 67.2028, 52.0184 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(146, 30, 223) }
```


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

```
.border{ border-color:rgb(146, 30, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 30, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 30, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 30, 223);  
box-shadow:4px 4px 4px 4px rgb(146, 30,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 86.6860, 67.2028, 52.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 30, 223) }
```

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

```
.background{ background-color: rgb(146, 30,  
223) }
```

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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