

Converting Colors

YUV(87.0140, 56.1951, 35.9447)

Have a look what the booklet for
YUV(87.0140, 56.1951, 35.9447)
contains.

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Color

**YUV(87.0140, 56.1951,
35.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	802CC9
RGB	128, 44, 201
RGB Percent	50%, 17%, 79%
CMY	0.4980, 0.8275, 0.2118
CMYK	0.36, 0.78, 0.00, 0.21
HSL	272°, 64%, 48%
HSV	272°, 78%, 79%
XYZ	20.3454, 10.6076, 56.2335
YIQ	87.0140, -0.3330, 66.6350

Conversions

Conversions Part 2

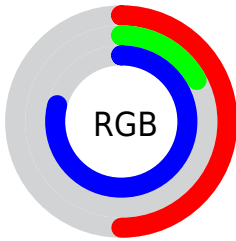
Format	Color
R_{YB}	128, 44, 201
Decimal	8400073
CIE _{Lab}	38.91, 62.41, -65.79
CIE _{LCh}	39, 90.681, 313.490
Yxy	10.6076, 0.2334, 0.1217
Android (android.graphics.Color)	4286590153 (0xFF802CC9)
YUV	87.0140, 56.1951, 35.9447
Hunter-Lab	32.5693, 54.5090, -79.5703

Details

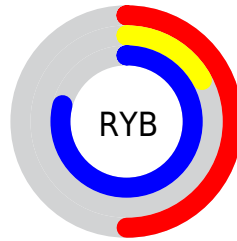
The YUV color **87.0140, 56.1951, 35.9447** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **157.9860, -56.1951, -35.9447**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7970, 55.3161, 37.8890**, and **37.2750, 53.6014, 27.8228** is the 20% darker color. If you saturate the color by 10%, you get **72.5830, 63.3096, 40.7077**, and if you desaturate by 10%, it is **101.4450, 49.0806, 31.1817**.

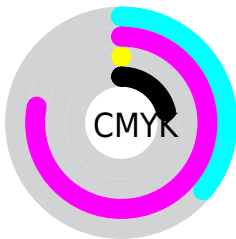
Distribution



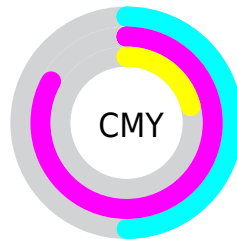
- Red (50%)
- Green (17%)
- Blue (79%)



- Red (50%)
- Yellow (17%)
- Blue (79%)



- Cyan (36%)
- Magenta (78%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (83%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0140, 56.1951, 35.9447 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 87.0140, 56.1951, 35.9447 by changing the saturation by 10% instead.

87.0140, 56.1951,
35.9447

87.0140, 56.1951,
35.9447

255.0000, 0.0000,
0.0000

52.8450, 59.2364,
40.4779

142.7970, 55.3161,
37.8890

37.2750, 53.6014,
27.8228

167.6160, 43.0803,
42.4328

24.6290, 46.5249,
10.8494

193.0220, 30.5552,
46.4617

10.7160, 41.0590,
-9.3979

212.1490, 21.1255,
37.5803

7.8660, 30.1391,
-6.8985

229.1720, 12.7332,
22.6512

6.8910, 18.7877,
-6.0434

246.1950, 4.3409,

3.3230, 10.1938,

7.7220

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 87.0140, 56.1951,
35.9447

■ 87.0140, 56.1951,
35.9447

■ 72.5830, 63.3096,
40.7077

■ 101.4450, 49.0806,
31.1817

■ 57.8530, 70.5715,
44.8559

■ 116.1750, 41.8187,
27.0335

■ 55.2060, 71.8764,
46.3003

■ 130.6060, 34.7042,
22.2705

■ 145.0370, 27.5898,
17.5076

■ 160.3540, 20.0385,
12.8445

■ 174.7850, 12.9240,
8.0816

■ 189.2160, 5.8095,
3.3186

■ 203.9460, -1.4524,
-0.8296

■ 218.3770, -8.5669,
-5.5926

Harmonies

Analogous

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



81.2500, 77.7707, -71.2562



87.0140, 56.1951, 35.9447



73.9940, 30.0760, 106.9993

Triad

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



87.0140, 56.1951, 35.9447



86.2060, -42.4996, 51.5623



83.9890, 19.7254, -73.6584

Complementary

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



87.0140, 56.1951, 35.9447



157.9860, -56.1951, -35.9447

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.



73.3360, -13.4766, -64.3157



87.0140, 56.1951, 35.9447



82.6310, -40.7371, -0.5534

Square

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



87.0140, 56.1951, 35.9447



56.8100, -28.0073, 116.8076



65.1570, -32.1224, -57.1427



91.9690, 50.3013, -80.6568

Rectangle

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



87.0140, 56.1951, 35.9447



73.0070, 6.8985, 121.0199



65.1570, -32.1224, -57.1427



80.5520, 9.0949, -70.6441

Sweetspot

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



87.0140, 56.1951, 35.9447



212.2940, 21.0541, 13.7742



104.7490, 47.4517, -53.2769



101.7850, 12.9240, 8.0816



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.



87.0140, 56.1951, 35.9447



80.9310, 85.8160, 55.3115



108.2710, 43.2504, 81.3233



92.5210, 3.1941, 2.1741



44.5950, 58.3737, 37.1892



9.7850, 12.9240, 8.0816

Inverse Universe

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



99.2650, 8.7434, 89.2216



99.5280, 13.5437, 136.3489



136.7290, -43.2504, -81.3233



93.1470, 0.4205, 5.1331



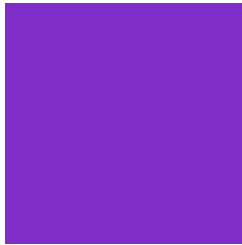
57.4010, 9.1693, 92.6103



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 87.0140, 56.1951, 35.9447 looks on a white background.

Color Contrast Check

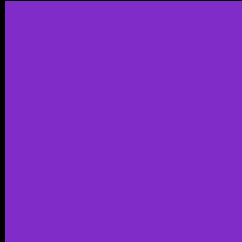
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.0140, 56.1951, 35.9447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

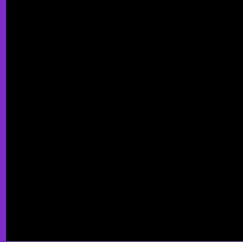
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0140, 56.1951, 35.9447

Background



This preview shows how black text looks on a background with the YUV color 87.0140, 56.1951, 35.9447.



This preview shows how white text looks on a background with the YUV color 87.0140, 56.1951,

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

87.0140, 56.1951, 35.9447

Protanopia

73.5610, 55.9254, -64.5130

Deuteranopia

73.6460, 43.5585, -64.5875



Tritanopia

93.0770, -0.0380, 12.2105

Trichromacy



Original Color

87.0140, 56.1951, 35.9447

Protanomaly

78.7920, 55.8115, -27.8816

Deuteranomaly

78.7290, 47.9546, -27.8263

Tritanomaly

91.1100, 20.1588, 20.9515

Monochromacy



Original Color

87.0140, 56.1951, 35.9447

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7670, 20.3279, 13.3593

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0140, 56.1951, 35.9447 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(128, 44, 201)` looks like.

```
.text, #text, p{  
    color:rgb(128, 44, 201)  
}
```

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(128, 44, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 44, 201) }
```

Border

The CSS property to change the border of an element to YUV 87.0140, 56.1951, 35.9447 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(128, 44, 201) }
```


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

```
.border{ border-color:rgb(128, 44, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 44, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 44, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 44, 201);  
box-shadow:4px 4px 4px 4px rgb(128, 44,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 87.0140, 56.1951, 35.9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 44, 201) }
```

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

```
.background{ background-color: rgb(128, 44,  
201) }
```

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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