

Converting Colors

YUV(86.5040, 39.6845, 58.3170)

Have a look what the booklet for
YUV(86.5040, 39.6845, 58.3170)
contains.

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Color

**YUV(86.5040, 39.6845,
58.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	9925A7
RGB	153, 37, 167
RGB Percent	60%, 15%, 65%
CMY	0.4000, 0.8549, 0.3451
CMYK	0.08, 0.78, 0.00, 0.35
HSL	294°, 64%, 40%
HSV	294°, 78%, 65%
XYZ	20.7735, 10.8855, 37.5654
YIQ	86.5040, 27.4060, 65.0220

Conversions

Conversions Part 2

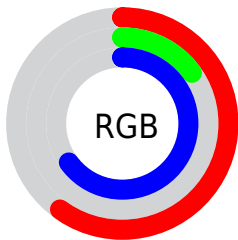
Format	Color
R_{YB}	153, 37, 167
Decimal	10036647
CIE _{Lab}	39.39, 62.44, -44.78
CIE _{LCh}	39, 76.840, 324.356
Yxy	10.8855, 0.3001, 0.1572
Android (android.graphics.Color)	4288226727 (0xFF9925A7)
YUV	86.5040, 39.6845, 58.3170
Hunter-Lab	32.9931, 54.6511, -44.4115

Details

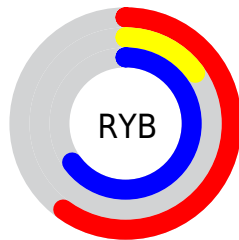
The YUV color **86.5040, 39.6845, 58.3170** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **117.4960, -39.6845, -58.3170**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8630, 38.5215, 58.0021**, and **41.9990, 35.4965, 48.2359** is the 20% darker color. If you saturate the color by 10%, you get **75.9270, 44.8990, 65.8390**, and if you desaturate by 10%, it is **97.0810, 34.4701, 50.7950**.

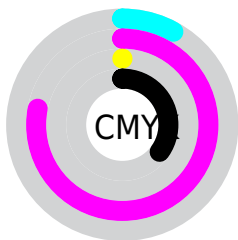
Distribution



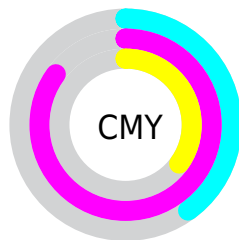
- Red (60%)
- Green (15%)
- Blue (65%)



- Red (60%)
- Yellow (15%)
- Blue (65%)



- Cyan (8%)
- Magenta (78%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5040, 39.6845, 58.3170 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 86.5040, 39.6845, 58.3170 by changing the saturation by 10% instead.

86.5040, 39.6845,
58.3170

86.5040, 39.6845,
58.3170

255.0000, 0.0000,
0.0000

53.3350, 42.7258,
62.8502

144.8630, 38.5215,
58.0021

41.9990, 35.4965,
48.2359

173.2760, 38.8109,
58.5169

31.0760, 28.5565,
34.1363

194.5390, 29.8073,
53.0243

21.4630, 21.4637,
22.3959

210.9750, 21.7043,
38.6099

7.1800, 17.1663,
0.7191

227.9980, 13.3120,
23.6808

2.8670, 8.4466,
-2.5144

245.0210, 4.9196,

0.0000, 0.0000,

8.7516

0.0000

■ 86.5040, 39.6845,
58.3170

■ 86.5040, 39.6845,
58.3170

■ 75.9270, 44.8990,
65.8390

■ 97.0810, 34.4701,
50.7950

■ 65.9370, 49.8241,
72.8463

■ 107.0710, 29.5450,
43.7877

■ 63.5890, 50.9816,
74.9054

■ 117.3490, 24.4779,
35.6509

■ 127.9260, 19.2635,
28.1289

■ 138.5030, 14.0490,
20.6069

■ 148.4930, 9.1240,
13.5996

■ 159.0700, 3.9095,
6.0776

■ 169.3480, -1.1576,
-2.0592

■ 179.3380, -6.0826,
-9.0664

Harmonies

Analogous

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



80.6310, 63.2859, -45.2804



86.5040, 39.6845, 58.3170



69.7200, 18.8720, 107.2396

Triad

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



86.5040, 39.6845, 58.3170



87.5580, -43.1661, 31.9596



85.5680, 28.3140, -75.0431

Complementary

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



86.5040, 39.6845, 58.3170



117.4960, -39.6845, -58.3170

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.



77.6850, 0.6483, -68.1297



86.5040, 39.6845, 58.3170



80.1840, -39.5307, -14.1934

Square

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



86.5040, 39.6845, 58.3170



81.9300, -40.3915, 75.4834



66.3310, -32.7012, -58.1723



89.7350, 51.8956, -78.6976

Rectangle

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



86.5040, 39.6845, 58.3170



66.4270, -0.2105, 114.5125



66.3310, -32.7012, -58.1723



83.1740, 19.1412, -72.9436

Sweetspot

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



86.5040, 39.6845, 58.3170



185.8560, 15.3540, 22.0513



60.6250, 52.4429, -20.7191



90.6070, 9.5607, 13.4997



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5040, 39.6845, 58.3170



91.8480, 61.6999, 90.4643



84.9900, 15.7809, 71.9228



79.0050, 2.4625, 3.5036



56.3400, 45.1884, 66.3538



7.6620, 6.0826, 9.0664

Inverse Universe

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



77.4660, -13.0477, 78.5213



77.9060, -20.1667, 121.9854



119.0100, -15.7809, -71.9228



78.5060, -0.7425, 4.8182



46.0760, -14.8275, 89.3873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 86.5040, 39.6845, 58.3170 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 86.5040, 39.6845, 58.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

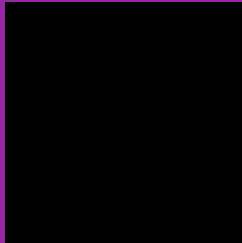
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5040, 39.6845, 58.3170

Background



This preview shows how black text looks on a background with the YUV color 86.5040, 39.6845, 58.3170.



This preview shows how white text looks on a background with the YUV color 86.5040, 39.6845,

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

86.5040, 39.6845, 58.3170

Protanopia

74.7180, 57.8200, -65.5277

Deuteranopia

88.1290, 34.4464, -35.1931



Tritanopia

93.5000, -8.1345, 42.5345

Trichromacy



Original Color

86.5040, 39.6845, 58.3170



Protanomaly

79.2830, 51.1325, -20.4192



Deuteranomaly

87.5060, 36.2325, -1.3208



Tritanomaly

90.8270, 9.4523, 48.3867

Monochromacy



Original Color

86.5040, 39.6845, 58.3170



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.9160, 14.3384, 21.1217

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5040, 39.6845, 58.3170 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(153, 37, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 37, 167)  
}
```

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(153, 37, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 37, 167) }
```

Border

The CSS property to change the border of an element to YUV 86.5040, 39.6845, 58.3170 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(153, 37, 167) }
```


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

```
.border{ border-color:rgb(153, 37, 167) }
```

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

Here you see how a box with a 4 pixel rgb(153, 37, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 37, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 37, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 37,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 86.5040, 39.6845, 58.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 37, 167) }
```

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

```
.background{ background-color: rgb(153, 37,  
167) }
```

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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