

Converting Colors

YUV(88.5040, 39.6845, 58.3170)

Have a look what the booklet for
YUV(88.5040, 39.6845, 58.3170)
contains.

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Color

**YUV(88.5040, 39.6845,
58.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	9B27A9
RGB	155, 39, 169
RGB Percent	61%, 15%, 66%
CMY	0.3922, 0.8471, 0.3373
CMYK	0.08, 0.77, 0.00, 0.34
HSL	294°, 62%, 41%
HSV	294°, 77%, 66%
XYZ	21.4045, 11.2842, 38.5860
YIQ	88.5040, 27.4060, 65.0220

Conversions

Conversions Part 2

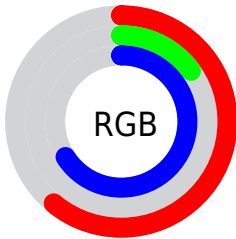
Format	Color
R _Y B	155, 39, 169
Decimal	10168233
CIE Lab	40.06, 62.58, -44.88
CIE LCh	40, 77.015, 324.352
Yxy	11.2842, 0.3003, 0.1583
Android (android.graphics.Color)	4288358313 (0xFF9B27A9)
YUV	88.5040, 39.6845, 58.3170
Hunter-Lab	33.5919, 54.9530, -44.5903

Details

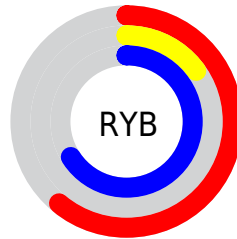
The YUV color **88.5040, 39.6845, 58.3170** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **119.4960, -39.6845, -58.3170**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8630, 38.5215, 58.0021**, and **42.8250, 36.0753, 49.2655** is the 20% darker color. If you saturate the color by 10%, you get **77.9270, 44.8990, 65.8390**, and if you desaturate by 10%, it is **99.0810, 34.4701, 50.7950**.

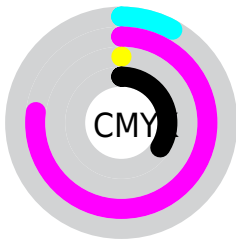
Distribution



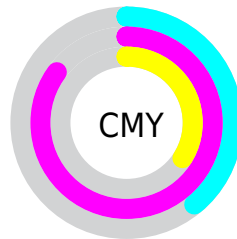
- Red (61%)
- Green (15%)
- Blue (66%)



- Red (61%)
- Yellow (15%)
- Blue (66%)



- Cyan (8%)
- Magenta (77%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (85%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5040, 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 88.5040, 39.6845, 58.3170 by changing the saturation by 10% instead.

88.5040, 39.6845,
58.3170

88.5040, 39.6845,
58.3170

255.0000, 0.0000,
0.0000

54.1610, 43.3046,
63.8798

146.8630, 38.5215,
58.0021

42.8250, 36.0753,
49.2655

174.6890, 39.1003,
59.0317

31.9020, 29.1353,
35.1659

195.1260, 29.5179,
52.5095

22.2890, 22.0425,
23.4255

212.1490, 21.1255,
37.5803

8.7890, 16.8660,
3.6930

229.1720, 12.7332,
22.6512

2.9810, 8.8834,
-2.6143

246.1950, 4.3409,

0.0000, 0.0000,

7.7220

0.0000

■ 88.5040, 39.6845,
58.3170

■ 88.5040, 39.6845,
58.3170

■ 77.9270, 44.8990,
65.8390

■ 99.0810, 34.4701,
50.7950

■ 67.3500, 50.1134,
73.3610

■ 109.6580, 29.2556,
43.2729

■ 64.4150, 51.5604,
75.9350

■ 119.9360, 24.1886,
35.1361

■ 130.5130, 18.9741,
27.6141

■ 140.5030, 14.0490,
20.6069

■ 151.0800, 8.8346,
13.0848

■ 161.6570, 3.6201,
5.5628

■ 172.2340, -1.5944,
-1.9592

■ 182.5120, -6.6614,
-10.0960

Harmonies

Analogous

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



82.6420, 63.2805, -43.5360



88.5040, 39.6845, 58.3170



70.7310, 18.8666, 108.9839

Triad

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



88.5040, 39.6845, 58.3170



89.3300, -44.0397, 32.1596



86.9700, 28.6088, -76.2727

Complementary

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



88.5040, 39.6845, 58.3170



119.4960, -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.



78.3860, 0.7957, -68.7445



88.5040, 39.6845, 58.3170



81.9560, -40.4043, -13.9934

Square

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



88.5040, 39.6845, 58.3170



83.1150, -40.9757, 76.1981



67.5050, -33.2800, -59.2019



91.1370, 52.1905, -79.9271

Rectangle

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



88.5040, 39.6845, 58.3170



67.2530, 0.3683, 115.5421



67.5050, -33.2800, -59.2019



83.9890, 19.7254, -73.6584

Sweetspot

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



88.5040, 39.6845, 58.3170



188.1550, 15.2066, 22.6661



62.6250, 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.



88.5040, 39.6845, 58.3170



94.7340, 61.2631, 90.5643



86.9900, 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.



79.4660, -13.0477, 78.5213



80.4930, -20.4560, 121.4706



121.0100, -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 88.5040, 39.6845, 58.3170 looks on a white background.

Color Contrast Check

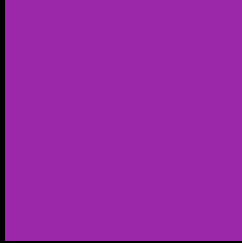
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.5040, 39.6845, 58.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

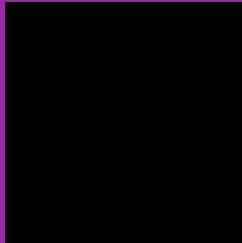
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.5040, 39.6845, 58.3170

Background



This preview shows how black text looks on a background with the YUV color 88.5040, 39.6845, 58.3170.



This preview shows how white text looks on a background with the YUV color 88.5040, 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

88.5040, 39.6845, 58.3170

Deuteranopia

89.5420, 34.7358, -34.6783

Tritanopia

95.5000, -8.1345, 42.5345

Trichromacy



Original Color

88.5040, 39.6845, 58.3170

Deuteranomaly

88.9190, 36.5219, -0.8060

Tritanomaly

92.8270, 9.4523, 48.3867

Monochromacy



Original Color

88.5040, 39.6845, 58.3170

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9160, 14.3384, 21.1217

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5040, 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(155, 39, 169)` looks like.

```
.text, #text, p{  
    color:rgb(155, 39, 169)  
}
```

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(155, 39, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 39, 169) }
```

Border

The CSS property to change the border of an element to YUV 88.5040, 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(155, 39, 169) }
```

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

```
.border{ border-color:rgb(155, 39, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 39, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 39, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 39, 169); box-shadow:4px 4px 4px 4px rgb(155, 39, 169) }
```


Background

The CSS property to change the background color of an element to YUV 88.5040, 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(155, 39, 169) }
```

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

```
.background{ background-color: rgb(155, 39,  
169) }
```

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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