

Converting Colors

YUV(156.5260, 39.6737,
61.8057)

Have a look what the booklet for
YUV(156.5260, 39.6737, 61.8057)
contains.

YUV(156.5260, 39.6737, 61.8057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.5260, 39.6737,
61.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	E369ED
RGB	227, 105, 237
RGB Percent	89%, 41%, 93%
CMY	0.1098, 0.5882, 0.0706
CMYK	0.04, 0.56, 0.00, 0.07
HSL	295°, 79%, 67%
HSV	295°, 56%, 93%
XYZ	52.0162, 32.5485, 83.6617
YIQ	156.5260, 30.3400, 66.9160

Conversions

Conversions Part 2

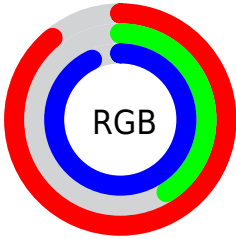
Format	Color
R _{YB}	227, 105, 237
Decimal	14903789
CIE _{Lab}	63.79, 65.04, -45.61
CIE _{LCh}	64, 79.440, 324.962
Y _{xy}	32.5485, 0.3092, 0.1935
Android (android.graphics.Color)	4293093869 (0xFFE369ED)
Y _{UV}	156.5260, 39.6737, 61.8057
Hunter-Lab	57.0513, 62.9067, -47.0088

Details

The YUV color **156.5260, 39.6737, 61.8057** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **185.4740, -39.6737, -61.8057**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8220, 27.2028, 48.3911**, and **98.1670, 40.8367, 62.1205** is the 20% darker color. If you saturate the color by 10%, you get **141.8400, 46.9139, 72.9313**, and if you desaturate by 10%, it is **171.2120, 32.4335, 50.6801**.

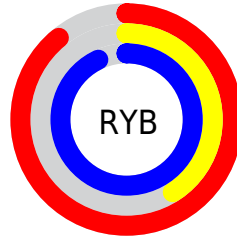
Distribution



Red (89%)

Green (41%)

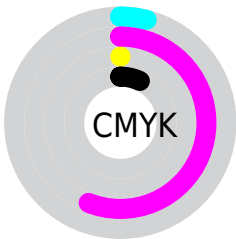
Blue (93%)



Red (89%)

Yellow (41%)

Blue (93%)

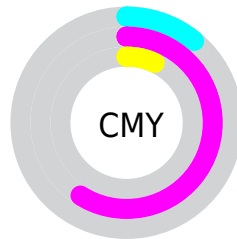


Cyan (4%)

Magenta (56%)

Yellow (0%)

Black (7%)



Cyan (11%)


Magenta (59%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.5260, 39.6737, 61.8057 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 156.5260, 39.6737, 61.8057 by changing the saturation by 10% instead.


 156.5260, 39.6737,
61.8057


 156.5260, 39.6737,
61.8057


255.0000, 0.0000,
0.0000


 128.1130, 39.3843,
61.2909


 199.8220, 27.2028,
48.3911


 98.1670, 40.8367,
62.1205


 216.8450, 18.8104,
33.4619


 59.3020, 46.1931,
70.7721

 233.8680, 10.4181,
18.5328

 47.9660, 38.9638,
56.1578

 251.4780, 1.7363,
3.0888

 36.9290, 31.5870,
42.1583

 26.1200, 25.0838,
27.9588

 15.3110, 18.5807,

13.7593

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 156.5260, 39.6737,
61.8057

■ 156.5260, 39.6737,
61.8057

■ 141.8400, 46.9139,
72.9313

■ 171.2120, 32.4335,
50.6801

■ 127.7410, 53.8647,
83.5421

■ 185.3110, 25.4827,
40.0693

■ 113.3540, 60.9575,
95.2825

■ 199.6980, 18.3899,
28.3289

■ 98.6680, 68.1977,
106.4082

■ 214.3840, 11.1497,
17.2032

92.4990, 71.2390,
110.9414

228.4830, 4.1989,
6.5924

243.1690, -3.0413,
-4.5332

248.4630, -5.6513,
-7.4221

248.7620, -5.7987,
-6.8073

249.3600, -6.0935,
-5.5777

Harmonies

Analogous

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



148.9130, 52.3009, -21.8487



156.5260, 39.6737, 61.8057



139.6500, 14.9626, 101.1620

Triad

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



156.5260, 39.6737, 61.8057



144.8930, -71.4322, 44.8208



133.4640, 39.2112, -117.0479

Complementary

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



156.5260, 39.6737, 61.8057



185.4740, -39.6737, -61.8057

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.



124.5550, 7.6144, -109.2347



156.5260, 39.6737, 61.8057



136.8880, -67.4858, -7.7948

Square

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



156.5260, 39.6737, 61.8057



146.0660, -56.7275, 88.5191



113.1840, -23.2617, -99.2624



135.3170, 59.0037, -118.6730

Rectangle

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



156.5260, 39.6737, 61.8057



134.1780, -6.0038, 105.9609



113.1840, -23.2617, -99.2624



130.7280, 28.7281, -114.6485

Sweetspot

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



156.5260, 39.6737, 61.8057



228.8620, 12.8860, 20.2920



126.5050, 54.4740, -18.8599



112.1400, 7.8190, 12.1552



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.



156.5260, 39.6737, 61.8057



150.7360, 51.4022, 80.0385



153.2460, 14.1757, 73.4523



110.2440, 3.3307, 5.0480



70.5670, 54.4435, 84.5717



20.8070, 16.3641, 24.7253

Inverse Universe

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



145.6080, -15.0897, 80.1508



136.6110, -19.5282, 103.8272



188.7540, -14.1757, -73.4523



109.2890, -1.6215, 6.7625



55.7150, -20.5655, 109.8749



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 156.5260, 39.6737, 61.8057 looks on a white background.

Color Contrast Check

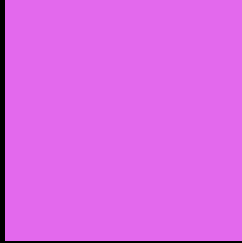
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 156.5260, 39.6737, 61.8057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

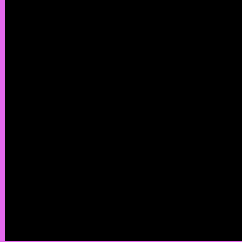
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.5260, 39.6737, 61.8057

Background



This preview shows how black text looks on a background with the YUV color 156.5260, 39.6737, 61.8057.



This preview shows how white text looks on a background with the YUV color 156.5260, 39.6737, 61.8057.

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

156.5260, 39.6737, 61.8057

Protanopia

151.7820, 50.8865, -34.8888

Deuteranopia

153.1670, 36.8927, -26.4565



Tritanopia

156.5550, -8.1616, 51.2563

Trichromacy



Original Color

156.5260, 39.6737, 61.8057



Protanomaly

153.5630, 46.5574, 0.3832



Deuteranomaly

154.3050, 37.8106, 5.8715



Tritanomaly

156.4580, 9.1412, 54.8493

Monochromacy



Original Color

156.5260, 39.6737, 61.8057



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.6280, 14.4804, 22.2512

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5260, 39.6737, 61.8057 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(227, 105, 237)` looks like.

```
.text, #text, p{  
    color:rgb(227, 105, 237)  
}
```

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(227, 105, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 105, 237) }
```

Border

The CSS property to change the border of an element to YUV 156.5260, 39.6737, 61.8057 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(227, 105, 237) }
```


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

```
.border{ border-color:rgb(227, 105, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 105, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 105, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 105, 237);  
box-shadow:4px 4px 4px 4px rgb(227, 105,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 156.5260, 39.6737, 61.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 105, 237) }
```

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

```
.background{ background-color: rgb(227,  
105, 237) }
```

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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