

Converting Colors

YUV(136.7550, 25.2638,
16.8779)

Have a look what the booklet for
YUV(136.7550, 25.2638, 16.8779)
contains.

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Color

**YUV(136.7550, 25.2638,
16.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	9C75BC
RGB	156, 117, 188
RGB Percent	61%, 46%, 74%
CMY	0.3882, 0.5412, 0.2627
CMYK	0.17, 0.38, 0.00, 0.26
HSL	273°, 35%, 60%
HSV	273°, 38%, 74%
XYZ	29.1487, 23.4213, 50.5614
YIQ	136.7550, 0.4530, 30.3490

Conversions

Conversions Part 2

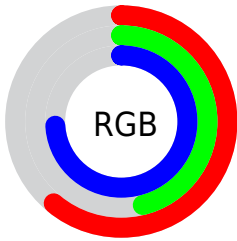
Format	Color
R _Y B	156, 117, 188
Decimal	10253756
CIE Lab	55.50, 28.98, -31.59
CIE LCh	56, 42.869, 312.525
Yxy	23.4213, 0.2826, 0.2271
Android (android.graphics.Color)	4288443836 (0xFF9C75BC)
YUV	136.7550, 25.2638, 16.8779
Hunter-Lab	48.3956, 22.8183, -28.0665

Details

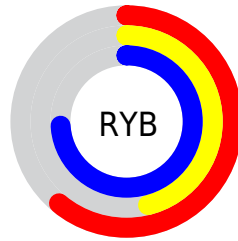
The YUV color **136.7550, 25.2638, 16.8779** is a light color, and the websafe version is hex **996699**. A complement of this color would be **168.2450, -25.2638, -16.8779**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6950, 26.2794, 17.8075**, and **85.9890, 23.6694, 14.9186** is the 20% darker color. If you saturate the color by 10%, you get **123.2100, 31.9415, 21.7408**, and if you desaturate by 10%, it is **150.3000, 18.5861, 12.0149**.

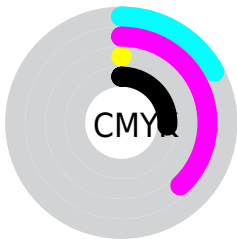
Distribution



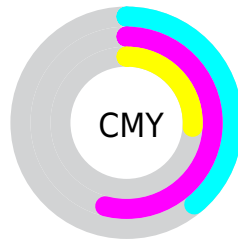
- Red (61%)
- Green (46%)
- Blue (74%)



- Red (61%)
- Yellow (46%)
- Blue (74%)



- Cyan (17%)
- Magenta (38%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (54%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7550, 25.2638, 16.8779 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 136.7550, 25.2638, 16.8779 by changing the saturation by 10% instead.

136.7550, 25.2638,
16.8779

136.7550, 25.2638,
16.8779

255.0000, 0.0000,
0.0000

110.9290, 24.6850,
15.8483

190.6950, 26.2794,
17.8075

85.9890, 23.6694,
14.9186

216.4690, 18.9958,
20.6367

62.1630, 23.0906,
13.8890

237.3900, 8.6817,
15.4440

38.6360, 22.3645,
13.4742

254.4130, 0.2894,
0.5148

15.9240, 22.2225,
12.3447

4.3320, 16.5983,
-3.7992

2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 136.7550, 25.2638,
16.8779

■ 136.7550, 25.2638,
16.8779

■ 123.2100, 31.9415,
21.7408

■ 150.3000, 18.5861,
12.0149

■ 109.3660, 38.7666,
25.9890

■ 164.1440, 11.7610,
7.7667

■ 96.4080, 45.1549,
30.3372

■ 177.1020, 5.3727,
3.4185

■ 82.5640, 51.9799,
34.5854

■ 190.9460, -1.4524,
-0.8296

■ 69.0190, 58.6576,
39.4483

■ 204.4910, -8.1301,
-5.6926

■ 55.1750, 65.4827,
43.6965

■ 218.3350,
-14.9552, -9.9408

■ 52.2290, 66.9351,
44.5262

■ 231.8800,
-21.6328, -14.8038

■ 238.0930,
-24.6958, -12.3596

■ 240.4850,
-25.8751, -7.4413

Harmonies

Analogous

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



130.1560, 36.8981, -28.2008



136.7550, 25.2638, 16.8779



136.2290, 9.7471, 47.1572

Triad

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



136.7550, 25.2638, 16.8779



130.8820, -34.4518, 36.9375



106.0960, 20.6587, -93.0462

Complementary

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



136.7550, 25.2638, 16.8779



168.2450, -25.2638, -16.8779

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.



111.8380, -1.3991, -64.7559



136.7550, 25.2638, 16.8779



128.1900, -35.0967, 10.3574

Square

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



136.7550, 25.2638, 16.8779



132.7500, -24.0338, 55.4703



123.3800, -23.3583, -21.3813



108.7980, 36.0886, -95.4158

Rectangle

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



136.7550, 25.2638, 16.8779



134.3200, -1.6368, 58.4784



123.3800, -23.3583, -21.3813



104.6140, 14.9803, -91.7465

Sweetspot

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



136.7550, 25.2638, 16.8779



225.5630, 9.5824, 6.5222



144.4650, 21.4628, -24.0868



110.5150, 5.6621, 3.9333



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



136.7550, 25.2638, 16.8779



165.4800, 39.2034, 25.8890



146.0950, 19.6732, 36.7507



87.5210, 3.1941, 2.1741



44.0250, 56.1897, 37.6891



8.6170, 11.0348, 7.3519

Inverse Universe

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



141.8770, 3.5116, 40.4499



173.4760, 5.1883, 62.7265



158.9050, -19.6732, -36.7507



88.1470, 0.4205, 5.1331



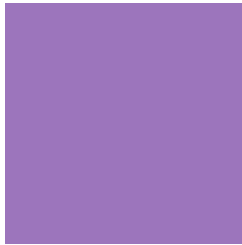
55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 136.7550, 25.2638, 16.8779 looks on a white background.

Color Contrast Check

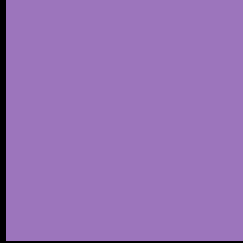
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 136.7550, 25.2638, 16.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

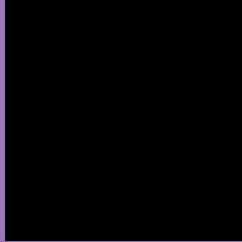
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.7550, 25.2638, 16.8779

Background



This preview shows how black text looks on a background with the YUV color 136.7550, 25.2638, 16.8779.



This preview shows how white text looks on a background with the YUV color 136.7550, 25.2638,

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

136.7550, 25.2638, 16.8779

Protanopia

132.4730, 32.7978, -19.7088

Deuteranopia

133.2580, 25.5088, -15.1353



Tritanopia

135.1200, 1.4198, 11.2958

Trichromacy



Original Color

136.7550, 25.2638, 16.8779

Protanomaly

134.1650, 29.9917, -6.2837

Deuteranomaly

134.9220, 25.1815, -3.4396

Tritanomaly

135.7210, 9.9975, 13.3997

Monochromacy



Original Color

136.7550, 25.2638, 16.8779

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1500, 9.2930, 6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7550, 25.2638, 16.8779 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(156, 117, 188)` looks like.

```
.text, #text, p{  
    color:rgb(156, 117, 188)  
}
```

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(156, 117, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 117, 188) }
```

Border

The CSS property to change the border of an element to YUV 136.7550, 25.2638, 16.8779 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(156, 117, 188) }
```


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

```
.border{ border-color:rgb(156, 117, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 117, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 117, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 117, 188); box-shadow:4px 4px 4px 4px rgb(156, 117, 188) }
```

Background

The CSS property to change the background color of an element to YUV 136.7550, 25.2638, 16.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 117, 188) }
```

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

```
.background{ background-color: rgb(156,  
117, 188) }
```

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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