

Converting Colors

YUV(123.0640, 26.5904,
11.3449)

Have a look what the booklet for
YUV(123.0640, 26.5904, 11.3449)
contains.

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Color

**YUV(123.0640, 26.5904,
11.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	886AB1
RGB	136, 106, 177
RGB Percent	53%, 42%, 69%
CMY	0.4667, 0.5843, 0.3059
CMYK	0.23, 0.40, 0.00, 0.31
HSL	265°, 31%, 55%
HSV	265°, 40%, 69%
XYZ	23.2432, 18.7166, 43.9826
YIQ	123.0640, -4.9110, 28.4410

Conversions

Conversions Part 2

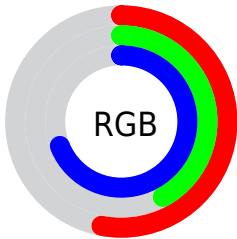
Format	Color
RYB	136, 106, 177
Decimal	8940209
CIELab	50.35, 26.66, -33.44
CIELCh	50, 42.769, 308.567
Yxy	18.7166, 0.2705, 0.2178
Android (android.graphics.Color)	4287130289 (0xFF886AB1)
YUV	123.0640, 26.5904, 11.3449
Hunter-Lab	43.2627, 20.1906, -29.9926

Details

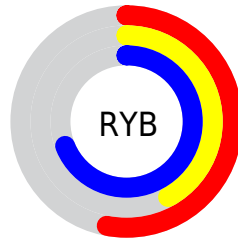
The YUV color $[123.0640, 26.5904, 11.3449]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[159.9360, -26.5904, -11.3449]$, and the grayscale version is $[123.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[176.4170, 27.8954, 12.7893]$, and $[73.2980, 24.9961, 9.3857]$ is the 20% darker color. If you saturate the color by 10%, you get $[109.5080, 33.2736, 14.4635]$, and if you desaturate by 10%, it is $[136.6200, 19.9073, 8.2263]$.

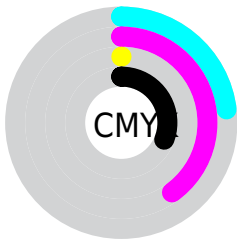
Distribution



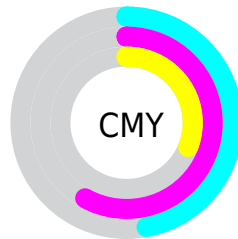
- Red (53%)
- Green (42%)
- Blue (69%)



- Red (53%)
- Yellow (42%)
- Blue (69%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)



- Cyan (47%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0640, 26.5904, 11.3449 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 123.0640, 26.5904, 11.3449 by changing the saturation by 10% instead.

■ 123.0640, 26.5904,
11.3449

■ 123.0640, 26.5904,
11.3449

■ 255.0000, 0.0000,
0.0000

■ 98.1240, 25.5749,
10.4153

■ 176.4170, 27.8954,
12.7893

■ 73.2980, 24.9961,
9.3857

■ 203.1460, 25.5640,
13.9040

■ 50.0590, 24.1279,
7.8413

■ 228.2530, 13.1863,
17.3181

■ 27.1190, 23.1123,
6.9116

■ 246.7820, 4.0515,
7.2072

■ 11.0110, 20.2076,
5.2524

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 123.0640, 26.5904,
11.3449

■ 123.0640, 26.5904,
11.3449

■ 109.5080, 33.2736,
14.4635

■ 136.6200, 19.9073,
8.2263

■ 96.5390, 39.6673,
17.0673

■ 149.5890, 13.5136,
5.6224

■ 82.6840, 46.4978,
19.5711

■ 163.4440, 6.6831,
3.1186

■ 69.1280, 53.1809,
22.6897

■ 177.0000, 0.0000,
0.0000

■ 55.5720, 59.8640,
25.8084

■ 190.5560, -6.6831,
-3.1186

■ 42.6030, 66.2577,
28.4122

■ 203.5250,
-13.0768, -5.7224

■ 217.3800,
-19.9073, -8.2263

■ 230.9360,
-26.5904, -11.3449

■ 238.0350,
-30.0903, -8.8007

Harmonies

Analogous

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



114.1550, 38.3776, -36.0929



123.0640, 26.5904, 11.3449



123.0760, 11.7945, 43.7833

Triad

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



123.0640, 26.5904, 11.3449



117.6480, -32.8575, 38.8967



95.8260, 16.8478, -84.0394

Complementary

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



123.0640, 26.5904, 11.3449



159.9360, -26.5904, -11.3449

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.



99.8880, -3.8888, -59.5378



123.0640, 26.5904, 11.3449



115.2120, -35.1075, 13.8461

Square

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



123.0640, 26.5904, 11.3449



118.8470, -21.1236, 55.3852



111.2450, -25.2638, -16.8779



99.1150, 31.9883, -86.9239

Rectangle

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



123.0640, 26.5904, 11.3449



120.9930, 0.9895, 56.1341



111.2450, -25.2638, -16.8779



94.3440, 11.1694, -82.7397

Sweetspot

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



123.0640, 26.5904, 11.3449



208.7800, 10.4615, 4.5779



138.1610, 19.1476, -28.2052



102.6180, 6.1043, 2.0890



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



123.0640, 26.5904, 11.3449



145.7070, 41.5564, 17.7970



133.5290, 21.4312, 32.8621



82.2220, 3.3416, 1.5593



36.8770, 57.2486, 24.6639



6.2530, 9.7353, 4.1631

Inverse Universe

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



131.9030, 7.4428, 39.5501



159.4850, 11.5929, 61.8417



149.4710, -21.4312, -32.8621



83.2610, 0.8573, 5.0331



55.7790, 15.8850, 85.2628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 123.0640, 26.5904, 11.3449 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 123.0640, 26.5904, 11.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

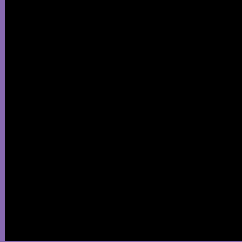
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0640, 26.5904, 11.3449

Background



This preview shows how black text looks on a background with the YUV color 123.0640, 26.5904, 11.3449.



This preview shows how white text looks on a background with the YUV color 123.0640, 26.5904, 11.3449.

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

123.0640, 26.5904, 11.3449

Protanopia

118.9890, 33.5294, -21.0384

Deuteranopia

118.9910, 27.1194, -18.4091



Tritanopia

121.0160, 2.4571, 5.2480

Trichromacy



Original Color

123.0640, 26.5904, 11.3449

Protanomaly

120.6700, 30.7287, -9.3576

Deuteranomaly

120.3560, 26.9395, -7.3282

Tritanomaly

121.7310, 11.4716, 7.2519

Monochromacy



Original Color

123.0640, 26.5904, 11.3449

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2530, 9.7353, 4.1631

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0640, 26.5904, 11.3449 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(136, 106, 177)` looks like.

```
.text, #text, p{  
    color:rgb(136, 106, 177)  
}
```

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(136, 106, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 106, 177) }
```

Border

The CSS property to change the border of an element to YUV 123.0640, 26.5904, 11.3449 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(136, 106, 177) }
```


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

```
.border{ border-color:rgb(136, 106, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 106, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 106, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 106, 177);  
box-shadow:4px 4px 4px 4px rgb(136, 106,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 123.0640, 26.5904, 11.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 106, 177) }
```

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

```
.background{ background-color: rgb(136,  
106, 177) }
```

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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