

Converting Colors

YUV(156.9640, 18.2587,
23.7106)

Have a look what the booklet for
YUV(156.9640, 18.2587, 23.7106)
contains.

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Color

**YUV(156.9640, 18.2587,
23.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	B888C2
RGB	184, 136, 194
RGB Percent	72%, 53%, 76%
CMY	0.2784, 0.4667, 0.2392
CMYK	0.05, 0.30, 0.00, 0.24
HSL	290°, 32%, 65%
HSV	290°, 30%, 76%
XYZ	38.3089, 31.6937, 55.1373
YIQ	156.9640, 9.9900, 28.2140

Conversions

Conversions Part 2

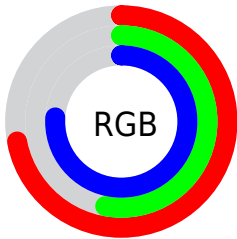
Format	Color
R_{YB}	184, 136, 194
Decimal	12093634
CIE _{Lab}	63.09, 28.44, -23.05
CIE _{LCh}	63, 36.608, 320.969
Yxy	31.6937, 0.3061, 0.2533
Android (android.graphics.Color)	4290283714 (0xFFB888C2)
YUV	156.9640, 18.2587, 23.7106
Hunter-Lab	56.2972, 22.9451, -18.6605

Details

The YUV color **156.9640, 18.2587, 23.7106** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173.0360, -18.2587, -23.7106**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2030, 19.1269, 25.2550**, and **104.7250, 17.3906, 22.1662** is the 20% darker color. If you saturate the color by 10%, you get **144.9140, 24.1994, 31.6474**, and if you desaturate by 10%, it is **169.0140, 12.3181, 15.7737**.

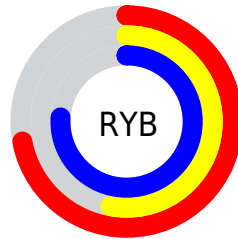
Distribution



Red (72%)

Green (53%)

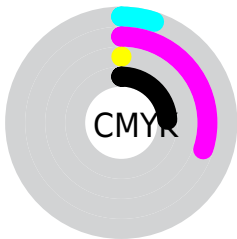
Blue (76%)



Red (72%)

Yellow (53%)

Blue (76%)

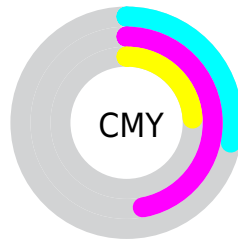


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (28%)


Magenta (47%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.9640, 18.2587, 23.7106 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 156.9640, 18.2587, 23.7106 by changing the saturation by 10% instead.

 156.9640, 18.2587,
23.7106


 156.9640, 18.2587,
23.7106


255.0000, 0.0000,
0.0000


 130.5510, 17.9694,
23.1958


 212.2030, 19.1269,
25.2550


 104.7250, 17.3906,
22.1662


 233.2810, 10.7075,
19.0476

 80.0130, 17.2486,
21.0366

 249.7170, 2.6045,
4.6332

 56.1870, 16.6698,
20.0070

 33.3610, 16.0910,
18.9774

 15.1820, 14.2073,
16.5034

 3.0950, 9.3202,

-2.7143

0.0000, 0.0000,
0.0000

156.9640, 18.2587,
23.7106

156.9640, 18.2587,
23.7106

144.9140, 24.1994,
31.6474

169.0140, 12.3181,
15.7737

131.9780, 30.5768,
39.4843

181.9500, 5.9407,
7.9369

119.9280, 36.5175,
47.4211

194.0000, 0.0000,
0.0000

107.2910, 42.7475,
55.8728

206.6370, -6.2300,
-8.4516

94.9420, 48.8356,
63.1949

218.9860,
-12.3181, -15.7737

■ 82.8920, 54.7762,
71.1317

■ 231.0360,
-18.2587, -23.7106

■ 70.2550, 61.0063,
79.5834

■ 233.6940,
-19.5691, -23.4106

■ 234.8900,
-20.1588, -20.9515

■ 235.7870,
-20.6010, -19.1072

Harmonies

Analogous

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



153.6160, 29.2763, -10.1872



156.9640, 18.2587, 23.7106



156.3230, 3.7848, 46.1977

Triad

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



156.9640, 18.2587, 23.7106



151.0380, -31.0777, 28.0307



119.7400, 27.2432, -105.0120

Complementary

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



156.9640, 18.2587, 23.7106



173.0360, -18.2587, -23.7106

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.



135.9080, 2.5104, -58.6783



156.9640, 18.2587, 23.7106



148.2690, -28.2336, 2.3951

Square

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



156.9640, 18.2587, 23.7106



153.1680, -24.7328, 46.3337



143.2960, -15.9219, -26.5696



120.7690, 40.0469, -105.0374

Rectangle

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



156.9640, 18.2587, 23.7106



155.3210, -6.5673, 53.2155



143.2960, -15.9219, -26.5696



126.8580, 18.3110, -86.6985

Sweetspot

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



156.9640, 18.2587, 23.7106



238.1890, 6.8088, 9.4812



149.0690, 22.1510, -11.4615



118.2980, 4.7831, 5.8777



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.



156.9640, 18.2587, 23.7106



194.6850, 28.2563, 37.1103



157.9020, 8.9223, 31.6579



90.5320, 3.1887, 3.9184



58.1210, 50.7193, 65.6689



11.8350, 10.4343, 13.2997

Inverse Universe

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



154.4820, -4.1816, 34.6573



190.6200, -6.7147, 53.8303



172.0980, -8.9223, -31.6579



90.2180, -0.6005, 5.9478



51.3310, -11.5022, 96.1797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 156.9640, 18.2587, 23.7106 looks on a white background.

Color Contrast Check

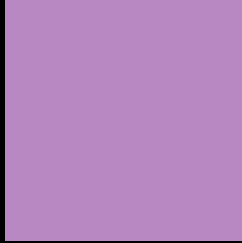
Large Text (above 18pt) WCAG AA × Fail

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 156.9640, 18.2587, 23.7106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

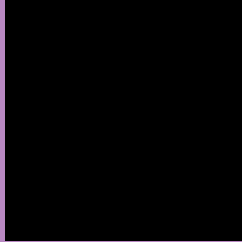
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.9640, 18.2587, 23.7106

Background



This preview shows how black text looks on a background with the YUV color 156.9640, 18.2587, 23.7106.



This preview shows how white text looks on a background with the YUV color 156.9640, 18.2587, 23.7106.

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

156.9640, 18.2587, 23.7106

Protanopia

153.2690, 25.5034, -13.3909

Deuteranopia

154.0760, 18.2035, -5.3287



Tritanopia

155.4200, -0.2071, 19.8027

Trichromacy



Original Color

156.9640, 18.2587, 23.7106

Protanomaly

154.9610, 22.6972, 0.0342

Deuteranomaly

155.1420, 18.1710, 5.1375

Tritanomaly

155.8530, 6.4815, 21.1769

Monochromacy



Original Color

156.9640, 18.2587, 23.7106

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7760, 6.5194, 8.9664

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9640, 18.2587, 23.7106 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(184, 136, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 136, 194)  
}
```

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(184, 136, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 136, 194) }
```

Border

The CSS property to change the border of an element to YUV 156.9640, 18.2587, 23.7106 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(184, 136, 194) }
```


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

```
.border{ border-color:rgb(184, 136, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 136, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 136, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 136, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 136,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 156.9640, 18.2587, 23.7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 136, 194) }
```

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

```
.background{ background-color: rgb(184,  
136, 194) }
```

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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