

Converting Colors

YUV(156.8640, 19.7870, 0.1193)

Have a look what the booklet for
YUV(156.8640, 19.7870, 0.1193)
contains.

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Color

**YUV(156.8640, 19.7870,
0.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	9D95C5
RGB	157, 149, 197
RGB Percent	62%, 58%, 77%
CMY	0.3843, 0.4157, 0.2275
CMYK	0.20, 0.24, 0.00, 0.23
HSL	250°, 29%, 68%
HSV	250°, 24%, 77%
XYZ	34.7301, 32.6942, 57.3035
YIQ	156.8640, -10.6400, 16.6240

Conversions

Conversions Part 2

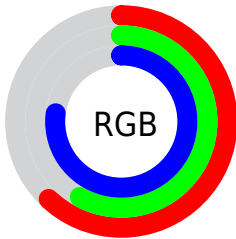
Format	Color
RYB	157, 149, 197
Decimal	10327493
CIELab	63.91, 13.01, -23.69
CIELCh	64, 27.030, 298.767
Yxy	32.6942, 0.2784, 0.2621
Android (android.graphics.Color)	4288517573 (0xFF9D95C5)
YUV	156.8640, 19.7870, 0.1193
Hunter-Lab	57.1788, 8.3569, -19.3940

Details

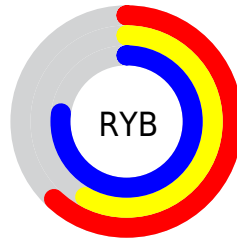
The YUV color $156.8640, 19.7870, 0.1193$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.1360, -19.7870, -0.1193$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $211.5050, 20.9500, 0.4341$, and $105.2230, 18.6241, -0.1956$ is the 20% darker color. If you saturate the color by 10%, you get $140.3400, 27.9334, 0.5788$, and if you desaturate by 10%, it is $173.3880, 11.6407, -0.3403$.

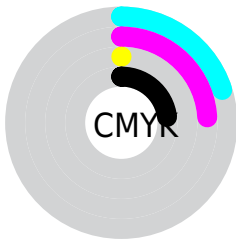
Distribution



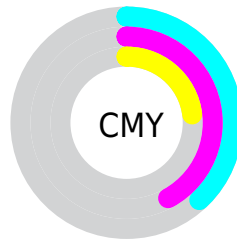
- Red (62%)
- Green (58%)
- Blue (77%)



- Red (62%)
- Yellow (58%)
- Blue (77%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8640, 19.7870, 0.1193 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 156.8640, 19.7870, 0.1193 by changing the saturation by 10% instead.

■ 156.8640, 19.7870,
0.1193

■ 156.8640, 19.7870,
0.1193

■ 255.0000, 0.0000,
0.0000

■ 130.7500, 19.3502,
0.2193

■ 211.5050, 20.9500,
0.4341

■ 105.2230, 18.6241,
-0.1956

■ 236.7260, 9.0091,
3.7483

■ 80.6960, 17.8979,
-0.6104

■ 57.8700, 17.3191,
-1.6400

■ 35.9300, 16.3035,
-2.5696

■ 12.9410, 16.2981,
-0.8253

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 156.8640, 19.7870,
0.1193

■ 156.8640, 19.7870,
0.1193

■ 140.3400, 27.9334,
0.5788

■ 173.3880, 11.6407,
-0.3403

■ 124.1040, 35.9377,
-0.0912

■ 189.6240, 3.6364,
0.3298

■ 107.5800, 44.0841,
0.3683

■ 206.1480, -4.5100,
-0.1298

■ 90.7570, 52.3778,
0.2131

■ 222.9710,
-12.8037, 0.0254

■ 74.8200, 60.2347,
0.1579

■ 239.4950,
-20.9500, -0.4341

■ 58.2960, 68.3811,
0.6174

■ 248.3880,
-25.3343, 5.7987

■ 41.4730, 76.6748,
0.4622

■ 32.3250, 81.1848,
0.5920

Harmonies

Analogous

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



151.7790, 25.2520, -26.1162



156.8640, 19.7870, 0.1193



158.6020, 10.5492, 23.1510

Triad

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



156.8640, 19.7870, 0.1193



155.5190, -20.4689, 31.9938



143.8650, 4.5036, -44.6086

Complementary

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



156.8640, 19.7870, 0.1193



189.1360, -19.7870, -0.1193

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.



148.0280, -9.3808, -24.5806



156.8640, 19.7870, 0.1193



153.7360, -23.0408, 16.8945

Square

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



156.8640, 19.7870, 0.1193



157.4520, -12.0548, 39.9456



150.6410, -19.0500, -3.1932



142.4150, 17.0504, -55.6150

Rectangle

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



156.8640, 19.7870, 0.1193



158.7190, 3.0965, 33.5724



150.6410, -19.0500, -3.1932



145.3450, -0.1701, -38.8906

Sweetspot

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



156.8640, 19.7870, 0.1193



239.9490, 7.4201, 0.0447



177.9520, 9.3907, -25.3909



118.8520, 4.5100, 0.1298



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.



156.8640, 19.7870, 0.1193



193.0240, 30.5542, -0.0210



164.0400, 16.2493, 14.8739



91.3250, 3.7838, -0.2850



26.6550, 67.2181, 0.3026



5.8980, 14.8403, 0.0895

Inverse Universe

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



167.9120, 10.3964, 25.5102



210.1940, 16.1734, 39.2949



181.9600, -16.2493, -14.8739



93.6030, 2.1677, 4.7332



64.2410, 35.3772, 86.6116



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 156.8640, 19.7870, 0.1193 looks on a white background.

Color Contrast Check

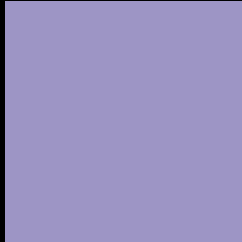
Large Text (above 18pt) WCAG AA × Fail

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 156.8640, 19.7870, 0.1193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

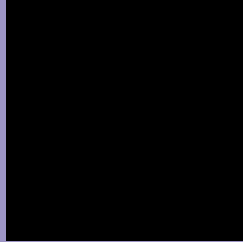
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.8640, 19.7870, 0.1193

Background



This preview shows how black text looks on a background with the YUV color 156.8640, 19.7870, 0.1193.



This preview shows how white text looks on a background with the YUV color 156.8640, 19.7870,

0.1193.

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

156.8640, 19.7870, 0.1193

Protanopia

155.3680, 22.0036, -10.8467

Deuteranopia

155.8200, 19.8087, -6.8581



Tritanopia

155.4710, 5.6838, -3.0441

Trichromacy



Original Color

156.8640, 19.7870, 0.1193

Protanomaly

156.1620, 21.1191, -7.1581

Deuteranomaly

156.1300, 19.6559, -4.4990

Tritanomaly

156.1490, 10.7725, -1.8847

Monochromacy



Original Color

156.8640, 19.7870, 0.1193

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8640, 19.7870, 0.1193 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(157, 149, 197)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 197)  
}
```

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(157, 149, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 197) }
```

Border

The CSS property to change the border of an element to YUV 156.8640, 19.7870, 0.1193 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(157, 149, 197) }
```


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

```
.border{ border-color:rgb(157, 149, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 149, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 197);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 156.8640, 19.7870, 0.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 197) }
```

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

```
.background{ background-color: rgb(157,  
149, 197) }
```

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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