

Converting Colors

YUV(159.6030, 18.9297,
-4.9138)

Have a look what the booklet for
YUV(159.6030, 18.9297, -4.9138)
contains.

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Color

**YUV(159.6030, 18.9297,
-4.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9BC6
RGB	154, 155, 198
RGB Percent	60%, 61%, 78%
CMY	0.3961, 0.3922, 0.2235
CMYK	0.22, 0.22, 0.00, 0.22
HSL	239°, 28%, 69%
HSV	239°, 22%, 78%
XYZ	35.2408, 34.3899, 58.2066
YIQ	159.6030, -14.3990, 13.1610

Conversions

Conversions Part 2

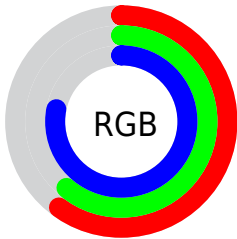
Format	Color
RYB	154, 155, 198
Decimal	10132422
CIELab	65.27, 8.90, -22.20
CIELCh	65, 23.913, 291.842
Yxy	34.3899, 0.2757, 0.2690
Android (android.graphics.Color)	4288322502 (0xFF9A9BC6)
YUV	159.6030, 18.9297, -4.9138
Hunter-Lab	58.6429, 4.6425, -17.7988

Details

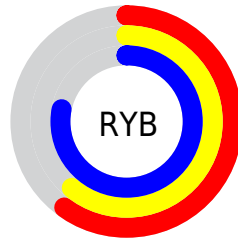
The YUV color **159.6030, 18.9297, -4.9138** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **192.3970, -18.9297, 4.9138**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2440, 20.0927, -4.5990**, and **107.9620, 17.7667, -5.2287** is the 20% darker color. If you saturate the color by 10%, you get **142.4700, 27.3763, -7.4282**, and if you desaturate by 10%, it is **176.7360, 10.4832, -2.3995**.

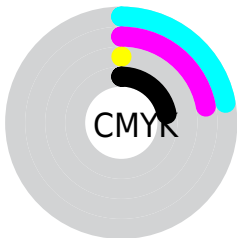
Distribution



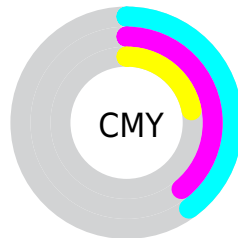
- Red (60%)
- Green (61%)
- Blue (78%)



- Red (60%)
- Yellow (61%)
- Blue (78%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6030, 18.9297, -4.9138 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 159.6030, 18.9297, -4.9138 by changing the saturation by 10% instead.

■ 159.6030, 18.9297,
-4.9138

■ 159.6030, 18.9297,
-4.9138

255.0000, 0.0000,
0.0000

■ 133.4890, 18.4929,
-4.8139

■ 214.2440, 20.0927,
-4.5990

■ 107.9620, 17.7667,
-5.2287

■ 239.6390, 7.5730,
-2.3144

■ 83.4350, 17.0405,
-5.6435

■ 59.9080, 16.3144,
-6.0583

■ 38.0820, 15.7356,
-7.0879

■ 16.2560, 15.1568,
-8.1175

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 159.6030, 18.9297,
-4.9138

■ 159.6030, 18.9297,
-4.9138

■ 142.4700, 27.3763,
-7.4282

■ 176.7360, 10.4832,
-2.3995

■ 124.7500, 36.1123,
-9.4277

■ 194.4560, 1.7472,
-0.3999

■ 107.9160, 44.4114,
-11.3273

■ 211.2900, -6.5520,
1.4997

■ 90.7830, 52.8580,
-13.8417

■ 228.4230,
-14.9985, 4.0140

■ 73.0630, 61.5939,
-15.8413

■ 246.1430,
-23.7345, 6.0136

■ 55.9300, 70.0405,
-18.3556

■ 248.5020,
-24.8975, 5.6987

■ 38.7970, 78.4871,
-20.8700

■ 24.9200, 85.3284,
-21.8548

Harmonies

Analogous

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



154.9700, 22.1998, -27.1607



159.6030, 18.9297, -4.9138



161.7860, 11.4445, 15.9737

Triad

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



159.6030, 18.9297, -4.9138



159.8440, -16.6851, 31.7088



150.0080, 0.9821, -35.0870

Complementary

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



159.6030, 18.9297, -4.9138



192.3970, -18.9297, 4.9138

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.



152.7300, -10.7129, -17.3032



159.6030, 18.9297, -4.9138



158.0290, -20.7203, 19.2686

Square

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



159.6030, 18.9297, -4.9138



161.3420, -8.5496, 35.6571



155.7880, -18.6295, 1.9399



148.3300, 12.6553, -45.8934

Rectangle

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



159.6030, 18.9297, -4.9138



161.8430, 5.0074, 27.3247



155.7880, -18.6295, 1.9399



150.6020, -3.2548, -29.4690

Sweetspot

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



159.6030, 18.9297, -4.9138



239.6390, 7.5730, -2.3144



184.7300, 6.0491, -26.9502



118.8410, 4.5154, -1.6146



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.



159.6030, 18.9297, -4.9138



195.0400, 29.5603, -7.9281



165.2950, 16.1236, 8.5113



91.0260, 3.9312, -0.8998



20.9300, 70.0405, -18.3556



4.6910, 15.4353, -4.1140

Inverse Universe

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



167.2700, -6.0491, 26.9502



206.8590, -9.2975, 42.2197



186.7050, -16.1236, -8.5113



92.6910, -1.3267, 5.5330



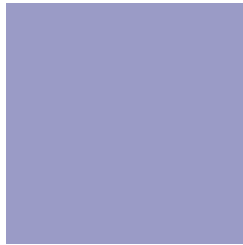
49.1930, -22.2801, 99.8087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 159.6030, 18.9297, -4.9138 looks on a white background.

Color Contrast Check

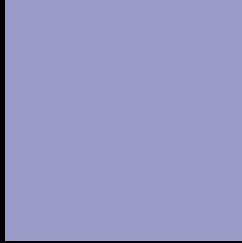
Large Text (above 18pt) WCAG AA × Fail

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 159.6030, 18.9297, -4.9138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

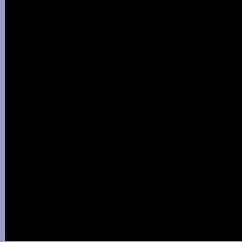
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.6030, 18.9297, -4.9138

Background



This preview shows how black text looks on a background with the YUV color 159.6030, 18.9297, -4.9138.



This preview shows how white text looks on a background with the YUV color 159.6030, 18.9297, -4.9138.

-4.9138.

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

159.6030, 18.9297, -4.9138

Protanopia

159.0970, 19.6722, -9.7321

Deuteranopia

159.3040, 19.0771, -5.5286



Tritanopia

158.0790, 6.8631, -7.9623

Trichromacy



Original Color

159.6030, 18.9297, -4.9138

Protanomaly

159.1080, 19.6668, -7.9877

Deuteranomaly

159.3040, 19.0771, -5.5286

Tritanomaly

158.5290, 11.0782, -6.6029

Monochromacy



Original Color

159.6030, 18.9297, -4.9138

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8240, 6.9888, -1.5996

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6030, 18.9297, -4.9138 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(154, 155, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 198)  
}
```

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(154, 155, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 198) }
```

Border

The CSS property to change the border of an element to YUV 159.6030, 18.9297, -4.9138 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(154, 155, 198) }
```


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

```
.border{ border-color:rgb(154, 155, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 155, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 198);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 159.6030, 18.9297, -4.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 198) }
```

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

```
.background{ background-color: rgb(154,  
155, 198) }
```

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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