

Converting Colors

YUV(158.5140, 23.9036,
-13.6058)

Have a look what the booklet for
YUV(158.5140, 23.9036, -13.6058)
contains.

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Color

**YUV(158.5140, 23.9036,
-13.6058)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9DCF
RGB	143, 157, 207
RGB Percent	56%, 62%, 81%
CMY	0.4392, 0.3843, 0.1882
CMYK	0.31, 0.24, 0.00, 0.19
HSL	227°, 40%, 69%
HSV	227°, 31%, 81%
XYZ	34.6471, 34.4586, 63.8566
YIQ	158.5140, -24.3940, 12.5820

Conversions

Conversions Part 2

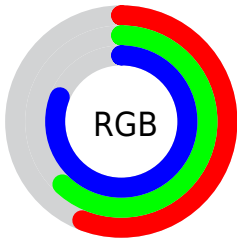
Format	Color
RYB	143, 154, 207
Decimal	9412047
CIELab	65.32, 6.64, -27.19
CIELCh	65, 27.991, 283.713
Yxy	34.4586, 0.2606, 0.2592
Android (android.graphics.Color)	4287602127 (0xFF8F9DCF)
YUV	158.5140, 23.9036, -13.6058
Hunter-Lab	58.7014, 2.6280, -23.4058

Details

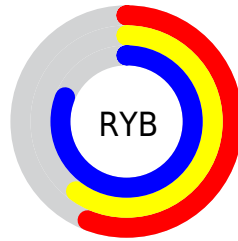
The YUV color $158.5140, 23.9036, -13.6058$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $191.4860, -23.9036, 13.6058$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.1290, 21.1354, -12.3911$, and $106.7590, 22.3038, -13.8206$ is the 20% darker color. If you saturate the color by 10%, you get $142.8430, 31.6294, -18.2793$, and if you desaturate by 10%, it is $174.1850, 16.1778, -8.9322$.

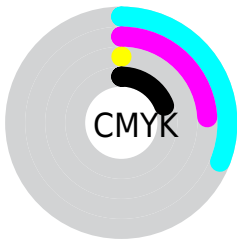
Distribution



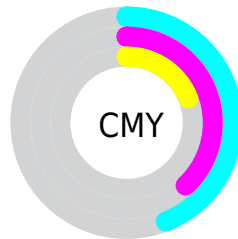
- Red (56%)
- Green (62%)
- Blue (81%)



- Red (56%)
- Yellow (60%)
- Blue (81%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5140, 23.9036, -13.6058 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 158.5140, 23.9036, -13.6058 by changing the saturation by 10% instead.

■ 158.5140, 23.9036,
-13.6058

■ 158.5140, 23.9036,
-13.6058

255.0000, 0.0000,
0.0000

■ 131.9870, 23.1774,
-14.0206

■ 212.1290, 21.1354,
-12.3911

■ 106.7590, 22.3038,
-13.8206

■ 237.5240, 8.6157,
-10.1065

■ 81.9330, 21.7250,
-14.8502

■ 58.1070, 21.1462,
-15.8798

■ 34.3730, 21.0151,
-20.4981

■ 16.1350, 18.6674,
-14.1504

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 158.5140, 23.9036,
-13.6058

■ 158.5140, 23.9036,
-13.6058

■ 142.8430, 31.6294,
-18.2793

■ 174.1850, 16.1778,
-8.9322

■ 127.4710, 39.2078,
-22.3381

■ 189.5570, 8.5994,
-4.8735

■ 111.2130, 47.2230,
-26.4968

■ 205.8150, 0.5842,
-0.7148

■ 95.5420, 54.9488,
-31.1703

■ 221.4860, -7.1416,
3.9588

■ 80.1700, 62.5272,
-35.2291

■ 237.1570,
-14.8674, 8.6323

■ 64.4990, 70.2530,
-39.9026

■ 248.9410,
-20.6769, 5.3137

■ 50.0130, 77.3946,
-43.8614

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



152.0330, 26.6057, -40.3709



158.5140, 23.9036, -13.6058



162.0290, 16.2547, 13.1296

Triad

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



158.5140, 23.9036, -13.6058



159.7740, -17.1436, 38.7862



148.7860, -2.3595, -36.6463

Complementary

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



158.5140, 23.9036, -13.6058



191.4860, -23.9036, 13.6058

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.



152.9000, -15.2337, -13.9443



158.5140, 23.9036, -13.6058



158.0900, -23.2154, 26.2311

Square

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



158.5140, 23.9036, -13.6058



161.5430, -6.6767, 41.6198



156.3820, -22.8663, 7.5580



145.4600, 12.0982, -53.9004

Rectangle

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



158.5140, 23.9036, -13.6058



162.2820, 9.2280, 26.9397



156.3820, -22.8663, 7.5580



150.2770, -7.0386, -29.1839

Sweetspot

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



158.5140, 23.9036, -13.6058



237.5570, 8.5994, -4.8735



186.1540, 2.8821, -37.8461



117.0580, 5.3944, -3.5589



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.



158.5140, 23.9036, -13.6058



183.4560, 35.2712, -19.6939



155.3790, 25.4492, 4.0526



96.4280, 4.2260, -2.1294



40.8710, 62.6746, -35.8439



9.9570, 15.3042, -8.7323

Inverse Universe

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



163.7320, -3.3189, 37.9460



191.3860, -5.1203, 55.7895



194.6210, -25.4492, -4.0526



97.5170, -0.7479, 6.5626



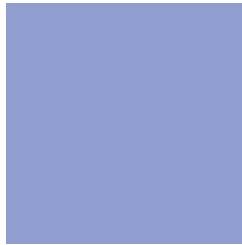
54.4500, -8.6029, 99.5833



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 158.5140, 23.9036, -13.6058 looks on a white background.

Color Contrast Check

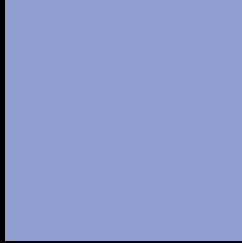
Large Text (above 18pt) WCAG AA × Fail

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 158.5140, 23.9036, -13.6058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

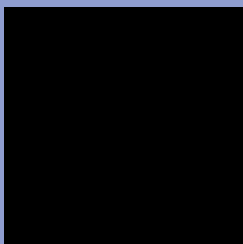
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5140, 23.9036, -13.6058

Background



This preview shows how black text looks on a background with the YUV color 158.5140, 23.9036, -13.6058.



This preview shows how white text looks on a background with the YUV color 158.5140, 23.9036, -13.6058.

-13.6058.

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

158.5140, 23.9036, -13.6058

Protanopia

159.1120, 23.6088, -12.3762

Deuteranopia

159.1230, 23.6034, -10.6319



Tritanopia

156.4090, 9.6584, -17.8987

Trichromacy



Original Color

158.5140, 23.9036, -13.6058

Protanomaly

158.8130, 23.7562, -12.9910

Deuteranomaly

158.8240, 23.7508, -11.2466

Tritanomaly

157.3860, 14.5997, -16.1245

Monochromacy



Original Color

158.5140, 23.9036, -13.6058

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.5570, 8.5994, -4.8735

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5140, 23.9036, -13.6058 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(143, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 207)  
}
```

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(143, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 207) }
```

Border

The CSS property to change the border of an element to YUV 158.5140, 23.9036, -13.6058 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(143, 157, 207) }
```


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

```
.border{ border-color:rgb(143, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 207);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 158.5140, 23.9036, -13.6058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 207) }
```

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

```
.background{ background-color: rgb(143,  
157, 207) }
```

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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