

Converting Colors

YUV(159.9070, 17.7938,
-13.9504)

Have a look what the booklet for
YUV(159.9070, 17.7938, -13.9504)
contains.

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Color

**YUV(159.9070, 17.7938,
-13.9504)**

Conversions

Conversions Part 1	
Format	Color
Hex	90A1C4
RGB	144, 161, 196
RGB Percent	56%, 63%, 77%
CMY	0.4353, 0.3686, 0.2314
CMYK	0.27, 0.18, 0.00, 0.23
HSL	220°, 31%, 67%
HSV	220°, 27%, 77%
XYZ	34.2103, 35.4046, 57.2552
YIQ	159.9070, -21.3670, 7.2810

Conversions

Conversions Part 2

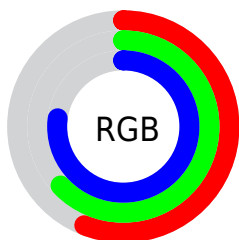
Format	Color
RYB	144, 157, 196
Decimal	9478596
CIELab	66.06, 1.95, -19.94
CIELCh	66, 20.037, 275.582
Yxy	35.4046, 0.2696, 0.2791
Android (android.graphics.Color)	4287668676 (0xFF90A1C4)
YUV	159.9070, 17.7938, -13.9504
Hunter-Lab	59.5017, -1.5002, -15.4003

Details

The YUV color **159.9070, 17.7938, -13.9504** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **180.0930, -17.7938, 13.9504**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1350, 18.6674, -14.1504**, and **108.2660, 16.6309, -14.2653** is the 20% darker color. If you saturate the color by 10%, you get **146.2960, 24.5041, -19.5536**, and if you desaturate by 10%, it is **173.5180, 11.0836, -8.3473**.

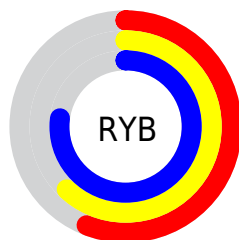
Distribution



Red (56%)

Green (63%)

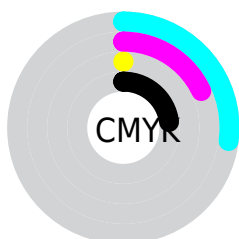
Blue (77%)



Red (56%)

Yellow (62%)

Blue (77%)

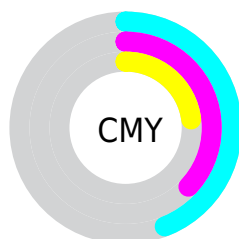


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (44%)


Magenta (37%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9070, 17.7938, -13.9504 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 159.9070, 17.7938, -13.9504 by changing the saturation by 10% instead.


 159.9070, 17.7938,
-13.9504


 159.9070, 17.7938,
-13.9504


255.0000, 0.0000,
0.0000


 133.7930, 17.3571,
-13.8505

 215.1350, 18.6674,
-14.1504


 108.2660, 16.6309,
-14.2653

 240.1710, 7.3107,
-11.5510

 83.5650, 16.4835,
-13.6505

 60.0380, 15.7573,
-14.0653

 37.5000, 15.0365,
-16.2245

 16.9840, 14.3049,
-14.8950

 3.4370, 10.6306,

-3.0142

0.0000, 0.0000,
0.0000

159.9070, 17.7938,
-13.9504

159.9070, 17.7938,
-13.9504

146.2960, 24.5041,
-19.5536

173.5180, 11.0836,
-8.3473

132.9840, 31.0669,
-24.5420

186.8300, 4.5208,
-3.3589

118.7860, 38.0665,
-29.6303

201.0280, -2.4788,
1.7294

105.4740, 44.6293,
-34.6187

214.3400, -9.0416,
6.7178

91.8630, 51.3395,
-40.2219

227.9510,
-15.7518, 12.3210

■ 78.2520, 58.0498,
-45.8250

■ 239.4690,
-21.4302, 13.6207

■ 64.9400, 64.6126,
-50.8134

■ 247.1000,
-25.1923, 6.9283

■ 59.9120, 67.0914,
-52.5428

■ 248.2740,
-25.7711, 5.8987

Harmonies

Analogous

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



155.9220, 18.2795, -29.7496



159.9070, 17.7938, -13.9504



162.8770, 13.3716, 4.4929

Triad

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



159.9070, 17.7938, -13.9504



162.9130, -11.2961, 29.8943



154.9020, -4.8817, -20.9621

Complementary

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



159.9070, 17.7938, -13.9504



180.0930, -17.7938, 13.9504

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.



157.5250, -13.0768, -5.7224



159.9070, 17.7938, -13.9504



160.9030, -16.2212, 22.8871

Square

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



159.9070, 17.7938, -13.9504



163.7910, -2.8550, 29.1243



159.2990, -16.9094, 10.2618



153.3440, 4.7604, -33.6277

Rectangle

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



159.9070, 17.7938, -13.9504



163.3900, 8.6817, 15.4440



159.2990, -16.9094, 10.2618



155.5390, -7.6607, -16.2587

Sweetspot

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



159.9070, 17.7938, -13.9504



240.8020, 6.9996, -5.0884



178.5140, 0.2396, -30.2688



118.8300, 4.5208, -3.3589



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.



159.9070, 17.7938, -13.9504



198.1970, 28.0039, -22.0978



152.6190, 21.3868, 0.3341



89.9010, 3.4998, -2.5442



49.4650, 54.9868, -43.3808



10.2190, 11.2310, -8.9621

Inverse Universe

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



161.4860, -0.2396, 30.2688



200.5960, -0.2938, 47.7123



187.3810, -21.3868, -0.3341



90.3320, -0.1637, 5.8478



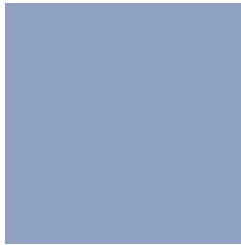
54.1810, -0.5822, 93.6803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 159.9070, 17.7938, -13.9504 looks on a white background.

Color Contrast Check

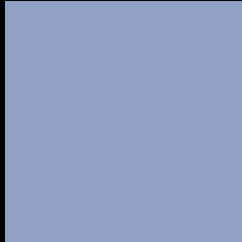
Large Text (above 18pt) WCAG AA × Fail

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 159.9070, 17.7938, -13.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

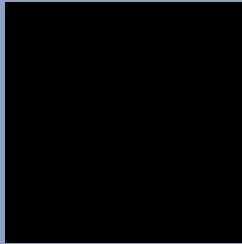
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9070, 17.7938, -13.9504

Background



This preview shows how black text looks on a background with the YUV color 159.9070, 17.7938, -13.9504.



This preview shows how white text looks on a background with the YUV color 159.9070, 17.7938, -13.9504.

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

159.9070, 17.7938, -13.9504

Protanopia

160.8970, 16.3198, -7.8027

Deuteranopia

161.5600, 17.4719, -3.9991



Tritanopia

158.3060, 9.2161, -16.0544

Trichromacy



Original Color
159.9070, 17.7938, -13.9504

Protanomaly
160.7010, 16.9094, -10.2618

Deuteranomaly
160.6520, 17.9196, -7.5878

Tritanomaly
158.8160, 12.4157, -15.6246

Monochromacy



Original Color
159.9070, 17.7938, -13.9504

Achromatopsia
160.0000, 0.0000, 0.0000

Achromatomaly
159.6880, 6.5628, -4.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9070, 17.7938, -13.9504 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(144, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(144, 161, 196)  
}
```

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(144, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 161, 196) }
```

Border

The CSS property to change the border of an element to YUV 159.9070, 17.7938, -13.9504 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(144, 161, 196) }
```


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

```
.border{ border-color:rgb(144, 161, 196) }
```

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

Here you see how a box with a 4 pixel rgb(144, 161, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(144, 161,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 159.9070, 17.7938, -13.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 161, 196) }
```

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

```
.background{ background-color: rgb(144,  
161, 196) }
```

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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