

Converting Colors

YUV(121.6430, 8.0640,
-19.8579)

Have a look what the booklet for
YUV(121.6430, 8.0640, -19.8579)
contains.

YUV(121.6430, 8.0640, -19.8579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.6430, 8.0640,
-19.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	63828A
RGB	99, 130, 138
RGB Percent	39%, 51%, 54%
CMY	0.6118, 0.4902, 0.4588
CMYK	0.28, 0.06, 0.00, 0.46
HSL	192°, 16%, 46%
HSV	192°, 28%, 54%
XYZ	17.7157, 20.4529, 27.0588
YIQ	121.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

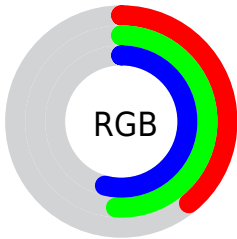
Format	Color
R_{YB}	99, 116, 138
Decimal	6521482
CIE _{Lab}	52.35, -8.98, -7.90
CIE _{LCh}	52, 11.964, 221.355
Yxy	20.4529, 0.2716, 0.3136
Android (android.graphics.Color)	4284711562 (0xFF63828A)
YUV	121.6430, 8.0640, -19.8579
Hunter-Lab	45.2249, -9.2208, -3.8168

Details

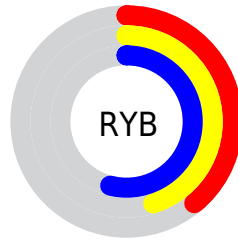
The YUV color **121.6430, 8.0640, -19.8579** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **115.3570, -8.0640, 19.8579**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3440, 8.2114, -20.4727**, and **72.8280, 7.4798, -19.1432** is the 20% darker color. If you saturate the color by 10%, you get **115.6960, 10.9959, -26.9204**, and if you desaturate by 10%, it is **127.5900, 5.1321, -12.7954**.

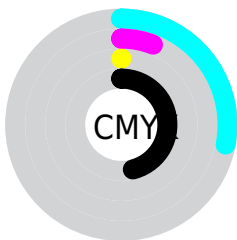
Distribution



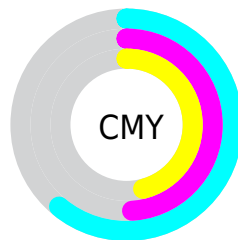
- Red (39%)
- Green (51%)
- Blue (54%)



- Red (39%)
- Yellow (45%)
- Blue (54%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (46%)



- Cyan (61%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6430, 8.0640, -19.8579 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 121.6430, 8.0640, -19.8579 by changing the saturation by 10% instead.

■ 121.6430, 8.0640,
-19.8579

■ 121.6430, 8.0640,
-19.8579

■ 255.0000, 0.0000,
0.0000

■ 96.6430, 8.0640,
-19.8579

■ 174.3440, 8.2114,
-20.4727

■ 72.8280, 7.4798,
-19.1432

■ 202.0450, 8.3588,
-21.0875

■ 49.5290, 7.6272,
-19.7579

■ 230.1590, 8.7956,
-21.1874

■ 26.9310, 7.9220,
-20.9875

■ 248.7210, 3.0955,
-12.9103

■ 11.4270, 5.7055,
-10.0215

■ 0.0000, 0.0000,
0.0000

■ 121.6430, 8.0640,
-19.8579

■ 121.6430, 8.0640,
-19.8579

■ 115.6960, 10.9959,
-26.9204

■ 127.5900, 5.1321,
-12.7954

■ 109.7490, 13.9277,
-33.9829

■ 133.5370, 2.2003,
-5.7329

■ 104.6880, 16.4228,
-40.9454

■ 138.5980, -0.2948,
1.2296

■ 98.7410, 19.3547,
-48.0079

■ 144.5450, -3.2267,
8.2920

■ 92.7940, 22.2866,
-55.0703

■ 150.4920, -6.1586,
15.3545

■ 86.8470, 25.2184,
-62.1328

■ 156.4390, -9.0904,
22.4170

■ 80.9000, 28.1503,
-69.1953


■ 162.3860,
-12.0223, 29.4795

■ 80.3020, 28.4451,

■ 168.0340,

-70.4249

-14.8068, 35.9272

 173.3940,
-17.4492, 43.5045

Harmonies

Analogous

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



121.0900, 3.4066, -19.3729



121.6430, 8.0640, -19.8579



123.2460, 10.2317, -15.1247

Triad

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



121.6430, 8.0640, -19.8579



127.3590, 2.2880, 12.8402



123.9160, -9.3256, 4.4587

Complementary

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



121.6430, 8.0640, -19.8579



115.3570, -8.0640, 19.8579

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.



125.2590, -9.4947, 12.0509



121.6430, 8.0640, -19.8579



126.7140, -2.8170, 16.9138

Square

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



121.6430, 8.0640, -19.8579



126.4550, 6.6777, 4.8630



125.9760, -6.8902, 16.6840



122.5450, -6.6777, -4.8630

Rectangle

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



121.6430, 8.0640, -19.8579



124.5780, 10.0680, -9.2769



125.9760, -6.8902, 16.6840



124.4110, -10.0626, 7.5326

Sweetspot

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



121.6430, 8.0640, -19.8579



172.7540, 3.0793, -7.6773



122.8050, -7.7919, -20.8770



85.1350, 1.9054, -4.5034



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121.6430, 8.0640, -19.8579



153.1300, 12.7539, -30.8090



110.4900, 13.5624, -10.0767



65.7330, 1.6106, -3.2738



76.7970, 27.7081, -67.3510



2.9180, 1.0264, -2.5591

Inverse Universe

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



114.1950, 7.7919, 20.8770



141.7110, 11.9745, 32.7025



126.5100, -13.5624, 10.0767



64.6630, 1.1521, 3.8035



51.7370, 26.2587, 71.2677



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 121.6430, 8.0640, -19.8579 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6430, 8.0640, -19.8579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

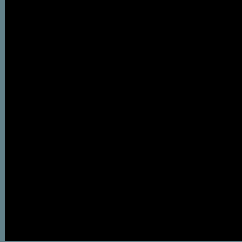
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.6430, 8.0640, -19.8579

Background



This preview shows how black text looks on a background with the YUV color 121.6430, 8.0640, -19.8579.



This preview shows how white text looks on a background with the YUV color 121.6430, 8.0640,

-19.8579.

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

121.6430, 8.0640, -19.8579

Protanopia

125.1400, 4.3680, -0.9998

Deuteranopia

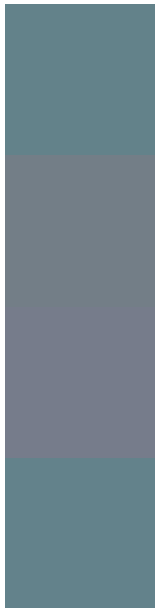
125.5580, 7.1199, 3.0186



Tritanopia

121.8710, 8.9376, -20.0579

Trichromacy



Original Color

121.6430, 8.0640, -19.8579

Protanomaly

123.7370, 5.5527, -7.6623

Deuteranomaly

123.9160, 7.4364, -5.1883

Tritanomaly

121.7570, 8.5008, -19.9579

Monochromacy



Original Color

121.6430, 8.0640, -19.8579

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0530, 2.9319, -7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6430, 8.0640, -19.8579 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(99, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(99, 130, 138)  
}
```

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(99, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 130, 138) }
```

Border

The CSS property to change the border of an element to YUV 121.6430, 8.0640, -19.8579 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(99, 130, 138) }
```


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

```
.border{ border-color:rgb(99, 130, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 130, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 130, 138);  
box-shadow:4px 4px 4px 4px rgb(99, 130,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 121.6430, 8.0640, -19.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 130, 138) }
```

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

```
.background{ background-color: rgb(99, 130,  
138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor