

Converting Colors

YUV(121.1640, 4.3561,
-43.9938)

Have a look what the booklet for
YUV(121.1640, 4.3561, -43.9938)
contains.

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Color

**YUV(121.1640, 4.3561,
-43.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	479182
RGB	71, 145, 130
RGB Percent	28%, 57%, 51%
CMY	0.7216, 0.4314, 0.4902
CMYK	0.51, 0.00, 0.10, 0.43
HSL	168°, 34%, 42%
HSV	168°, 51%, 57%
XYZ	16.7532, 23.2021, 24.7146
YIQ	121.1640, -39.2890, -20.3530

Conversions

Conversions Part 2

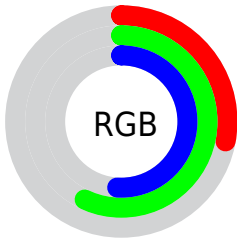
Format	Color
RYB	71, 112, 145
Decimal	4690306
CIELab	55.28, -26.90, 0.90
CIElCh	55, 26.913, 178.092
Yxy	23.2021, 0.2591, 0.3588
Android (android.graphics.Color)	4282880386 (0xFF479182)
YUV	121.1640, 4.3561, -43.9938
Hunter-Lab	48.1686, -22.2120, 3.2972

Details

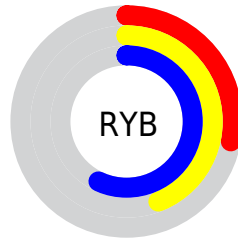
The YUV color **121.1640, 4.3561, -43.9938** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.8360, -4.3561, 43.9938**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0500, 3.9194, -43.8938**, and **66.5050, 7.1460, -52.1859** is the 20% darker color. If you saturate the color by 10%, you get **116.6360, 5.1095, -52.3008**, and if you desaturate by 10%, it is **125.9910, 3.4554, -35.0721**.

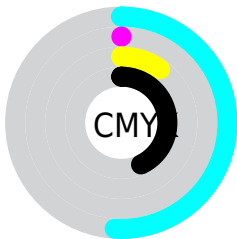
Distribution



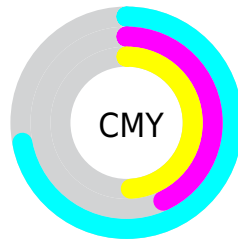
- Red (28%)
- Green (57%)
- Blue (51%)



- Red (28%)
- Yellow (44%)
- Blue (57%)



- Cyan (51%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)



- Cyan (72%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1640, 4.3561, -43.9938 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 121.1640, 4.3561, -43.9938 by changing the saturation by 10% instead.

■ 121.1640, 4.3561,
-43.9938

■ 121.1640, 4.3561,
-43.9938

■ 255.0000, 0.0000,
0.0000

■ 94.6800, 5.0878,
-45.3234

■ 175.0500, 3.9194,
-43.8938

■ 66.5050, 7.1460,
-52.1859

■ 202.6370, 3.6300,
-44.4086

■ 47.7020, 5.0769,
-41.8347

■ 230.7510, 4.0668,
-44.5086

■ 31.6930, 2.1234,
-27.7948

■ 241.2460, 6.7807,
-28.2797

■ 17.5590, -1.2616,
-15.3992

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 121.1640, 4.3561,
-43.9938

■ 121.1640, 4.3561,
-43.9938

■ 116.6360, 5.1095,
-52.3008

■ 125.9910, 3.4554,
-35.0721

■ 111.8090, 6.0102,
-61.2225

■ 130.5190, 2.7021,
-26.7652

■ 107.2810, 6.7635,
-69.5294

■ 135.3460, 1.8014,
-17.8434

■ 102.4540, 7.6642,
-78.4512

■ 139.8740, 1.0481,
-9.5365

■ 98.3390, 8.7069,
-86.2433

■ 144.7010, 0.1474,
-0.6148

■ 149.2290, -0.6059,
7.6922

■ 154.0560, -1.5066,
16.6139

■ 158.5840, -2.2599,

24.9208

■ 163.2970, -3.5974,
33.9425

Harmonies

Analogous

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



125.4410, -9.0914, -24.0658



121.1640, 4.3561, -43.9938



118.4040, 17.0558, -57.3593

Triad

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



121.1640, 4.3561, -43.9938



134.0380, 19.2083, -0.9103



132.5620, -19.0111, 31.0791

Complementary

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



121.1640, 4.3561, -43.9938



94.8360, -4.3561, 43.9938

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.



134.0820, -10.8864, 38.5161



121.1640, 4.3561, -43.9938



135.8900, 10.4072, 22.0215

Square

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



121.1640, 4.3561, -43.9938



129.2520, 24.5258, -26.5310



135.5190, -0.2559, 35.5018



130.9640, -22.1673, 16.6946

Rectangle

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



121.1640, 4.3561, -43.9938



120.2070, 22.5759, -54.5555



135.5190, -0.2559, 35.5018



133.4530, -16.9853, 34.6827

Sweetspot

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



121.1640, 4.3561, -43.9938



179.6450, 1.6540, -17.2287



119.2220, -23.7734, -28.2587



88.5750, 1.1955, -10.1513



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.1640, 4.3561, -43.9938



151.8790, 6.4687, -68.2999



110.5470, 16.9853, -34.6827



68.7930, 0.5951, -4.2035



91.5570, 8.1064, -80.2955



5.3800, 0.3057, -4.7183

Inverse Universe

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



94.8360, -4.3561, 43.9938



111.0070, -6.9055, 68.3999



105.4530, -16.9853, 34.6827



66.3210, -0.1583, 4.1035



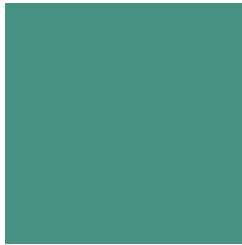
43.4430, -8.1064, 80.2955



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 121.1640, 4.3561, -43.9938 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 121.1640, 4.3561, -43.9938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

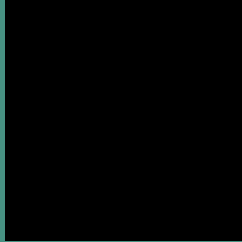
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.1640, 4.3561, -43.9938

Background



This preview shows how black text looks on a background with the YUV color 121.1640, 4.3561, -43.9938.



This preview shows how white text looks on a background with the YUV color 121.1640, 4.3561,

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

121.1640, 4.3561, -43.9938

Protanopia

131.4690, -4.6682, 3.9737

Deuteranopia

133.1690, 0.4097, 8.6218



Tritanopia

124.1180, 14.2388, -40.4455

Trichromacy



Original Color

121.1640, 4.3561, -43.9938

Protanomaly

127.5700, -1.2670, -13.6549

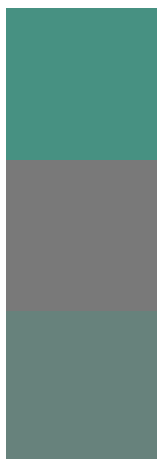
Deuteranomaly

128.8030, 2.0691, -10.3512

Tritanomaly

122.8960, 10.8973, -42.0048

Monochromacy



Original Color

121.1640, 4.3561, -43.9938

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2430, 1.3592, -15.9991

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1640, 4.3561, -43.9938 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(71, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(71, 145, 130)  
}
```

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(71, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 145, 130) }
```

Border

The CSS property to change the border of an element to YUV 121.1640, 4.3561, -43.9938 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(71, 145, 130) }
```


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

```
.border{ border-color:rgb(71, 145, 130) }
```

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

Here you see how a box with a 4 pixel rgb(71, 145, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(71, 145,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 121.1640, 4.3561, -43.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 145, 130) }
```

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

```
.background{ background-color: rgb(71, 145,  
130) }
```

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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