

Converting Colors

YUV(119.4220, 13.1030,
-49.4821)

Have a look what the booklet for
YUV(119.4220, 13.1030, -49.4821)
contains.

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Color

**YUV(119.4220, 13.1030,
-49.4821)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8F92
RGB	63, 143, 146
RGB Percent	25%, 56%, 57%
CMY	0.7529, 0.4392, 0.4275
CMYK	0.57, 0.02, 0.00, 0.43
HSL	182°, 40%, 41%
HSV	182°, 57%, 57%
XYZ	17.0607, 22.7770, 30.6913
YIQ	119.4220, -48.6430, -16.0270

Conversions

Conversions Part 2

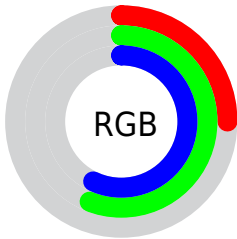
Format	Color
RYB	63, 104, 146
Decimal	4165522
CIELab	54.84, -23.31, -8.99
CIELCh	55, 24.980, 201.100
Yxy	22.7770, 0.2419, 0.3229
Android (android.graphics.Color)	4282355602 (0xFF3F8F92)
YUV	119.4220, 13.1030, -49.4821
Hunter-Lab	47.7253, -19.7096, -4.7208

Details

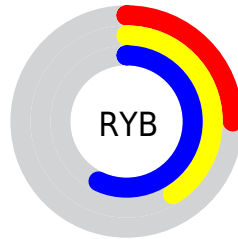
The YUV color **119.4220, 13.1030, -49.4821** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89.5780, -13.1030, 49.4821**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0200, 12.8081, -48.2525**, and **64.9480, 15.3086, -56.9594** is the 20% darker color. If you saturate the color by 10%, you get **114.3500, 15.6034, -58.1890**, and if you desaturate by 10%, it is **124.4940, 10.6025, -40.7752**.

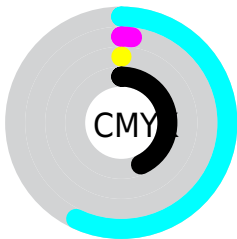
Distribution



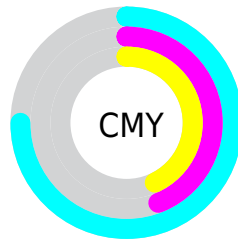
- Red (25%)
- Green (56%)
- Blue (57%)



- Red (25%)
- Yellow (41%)
- Blue (57%)



- Cyan (57%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (75%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4220, 13.1030, -49.4821 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 119.4220, 13.1030, -49.4821 by changing the saturation by 10% instead.

■ 119.4220, 13.1030,
-49.4821

■ 119.4220, 13.1030,
-49.4821

■ 255.0000, 0.0000,
0.0000

■ 91.9270, 13.8400,
-52.5560

■ 174.0200, 12.8081,
-48.2525

■ 64.9480, 15.3086,
-56.9594

■ 202.0200, 12.8081,
-48.2525

■ 48.1240, 11.7709,
-42.2047

■ 230.4930, 12.0820,
-48.6674

■ 32.5880, 8.0911,
-28.5797

■ 239.7510, 7.5178,
-31.3536

■ 18.5680, 5.1430,
-16.2841

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 119.4220, 13.1030,
-49.4821

■ 119.4220, 13.1030,
-49.4821

■ 114.3500, 15.6034,
-58.1890

■ 124.4940, 10.6025,
-40.7752

■ 110.1640, 17.6671,
-66.7958

■ 128.6800, 8.5388,
-32.1684

■ 105.0920, 20.1676,
-75.5027

■ 133.7520, 6.0383,
-23.4615

■ 100.9060, 22.2313,
-84.1096

■ 137.9380, 3.9746,
-14.8546

■ 99.4110, 22.9684,
-87.1834

■ 143.0100, 1.4741,
-6.1478

■ 147.4950, -0.7370,
3.0739

■ 152.2680, -3.0901,
11.1660

■ 156.7530, -5.3012,

20.3876

■ 161.5260, -7.6543,
28.4797

Harmonies

Analogous

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



122.2960, 0.8401, -36.2166



119.4220, 13.1030, -49.4821



120.9090, 21.2439, -47.2782

Triad

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



119.4220, 13.1030, -49.4821



134.9000, 11.8813, 15.8737



130.7300, -20.5729, 18.6538

Complementary

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



119.4220, 13.1030, -49.4821



89.5780, -13.1030, 49.4821

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.



132.4310, -16.9745, 31.1940



119.4220, 13.1030, -49.4821



134.7680, 2.0864, 30.8985

Square

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



119.4220, 13.1030, -49.4821



132.0050, 19.2245, -6.1434



133.7550, -8.2602, 36.1719



128.7880, -18.6295, 1.9399

Rectangle

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



119.4220, 13.1030, -49.4821



124.8440, 23.2479, -36.6972



133.7550, -8.2602, 36.1719



130.9910, -19.7156, 23.6869

Sweetspot

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



119.4220, 13.1030, -49.4821



178.8450, 5.0064, -19.1581



112.0630, -22.7091, -43.0283



88.3190, 2.8007, -11.6808



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.



119.4220, 13.1030, -49.4821



147.4940, 20.4625, -76.7322



95.3550, 24.9680, -28.3753



71.9070, 1.0318, -4.3034



93.8030, 21.7891, -82.2652



7.0100, 1.4741, -6.1478

Inverse Universe

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



96.9370, 22.7091, 43.0283



112.7070, 35.1474, 66.9090



113.6450, -24.9680, 28.3753



69.8910, 2.0257, 3.6036



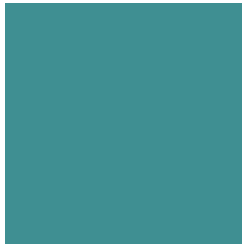
56.4240, 37.7520, 71.5422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 119.4220, 13.1030, -49.4821 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 119.4220, 13.1030, -49.4821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

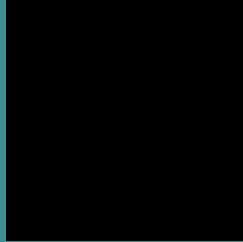
Any Text WCAG AA ✓ Pass

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 119.4220, 13.1030, -49.4821 Background



This preview shows how black text looks on a background with the YUV color 119.4220, 13.1030, -49.4821.

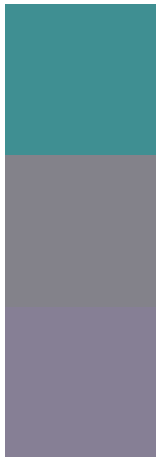


This preview shows how white text looks on a background with the YUV color 119.4220, 13.1030,

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

119.4220, 13.1030, -49.4821

Protanopia

131.2110, 3.3470, -0.1850

Deuteranopia

131.6010, 8.5777, 2.1039



Tritanopia

120.5300, 16.0077, -47.8228

Trichromacy



Original Color

119.4220, 13.1030, -49.4821

Protanomaly

127.0130, 6.8956, -18.4284

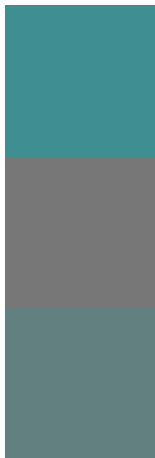
Deuteranomaly

127.2350, 10.2371, -16.8691

Tritanomaly

119.8890, 14.8447, -48.1377

Monochromacy



Original Color

119.4220, 13.1030, -49.4821

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.4430, 4.7116, -17.9285

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4220, 13.1030, -49.4821 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(63, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(63, 143, 146)  
}
```

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(63, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 143, 146) }
```

Border

The CSS property to change the border of an element to YUV 119.4220, 13.1030, -49.4821 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(63, 143, 146) }
```


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

```
.border{ border-color:rgb(63, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(63, 143,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 119.4220, 13.1030, -49.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 143, 146) }
```

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

```
.background{ background-color: rgb(63, 143,  
146) }
```

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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