

Converting Colors

YUV(121.6170, 50.9678,
-61.0541)

Have a look what the booklet for
YUV(121.6170, 50.9678, -61.0541)
contains.

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Color

**YUV(121.6170, 50.9678,
-61.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	3489E1
RGB	52, 137, 225
RGB Percent	20%, 54%, 88%
CMY	0.7961, 0.4627, 0.1176
CMYK	0.77, 0.39, 0.00, 0.12
HSL	211°, 74%, 54%
HSV	211°, 77%, 88%
XYZ	23.9524, 24.0576, 74.6153
YIQ	121.6170, -78.9080, 9.3480

Conversions

Conversions Part 2

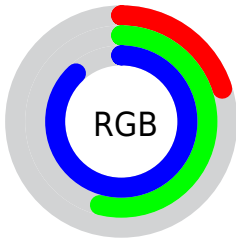
Format	Color
R _Y B	52, 109, 225
Decimal	3443169
CIE Lab	56.15, 4.85, -51.94
CIE LCh	56, 52.164, 275.334
Yxy	24.0576, 0.1953, 0.1962
Android (android.graphics.Color)	4281633249 (0xFF3489E1)
YUV	121.6170, 50.9678, -61.0541
Hunter-Lab	49.0486, 1.3339, -55.8611

Details

The YUV color **121.6170, 50.9678, -61.0541** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **155.3830, -50.9678, 61.0541**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0780, 38.4155, -48.3034**, and **70.9220, 48.3525, -62.1986** is the 20% darker color. If you saturate the color by 10%, you get **108.2830, 57.5415, -69.5312**, and if you desaturate by 10%, it is **134.6520, 44.5416, -53.1918**.

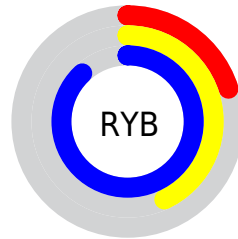
Distribution



Red (20%)

Green (54%)

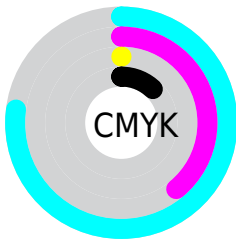
Blue (88%)



Red (20%)

Yellow (43%)

Blue (88%)

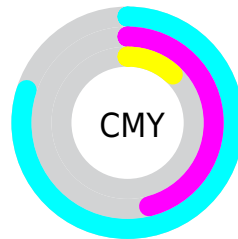


Cyan (77%)

Magenta (39%)

Yellow (0%)

Black (12%)



Cyan (80%)

Magenta (46%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6170, 50.9678, -61.0541 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 121.6170, 50.9678, -61.0541 by changing the saturation by 10% instead.

■ 121.6170, 50.9678,
-61.0541

■ 121.6170, 50.9678,
-61.0541

■ 255.0000, 0.0000,
0.0000

■ 88.2020, 53.6374,
-77.3532

■ 177.0780, 38.4155,
-48.3034

■ 70.9220, 48.3525,
-62.1986

■ 202.7830, 25.7430,
-43.6597

■ 54.3430, 43.2149,
-47.6588

■ 228.4880, 13.0704,
-39.0160

■ 39.0520, 37.9354,
-34.2486

■ 242.7410, 6.0437,
-25.2059

■ 25.0490, 32.5138,
-21.9680

■ 252.0100, 1.4741,
-6.1478

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 121.6170, 50.9678,
-61.0541

■ 121.6170, 50.9678,
-61.0541

■ 108.2830, 57.5415,
-69.5312

■ 134.6520, 44.5416,
-53.1918

■ 94.6610, 64.2571,
-76.8787

■ 148.5730, 37.6785,
-45.2295

■ 90.8070, 66.1571,
-79.6377

■ 161.6080, 31.2523,
-37.3672

■ 175.5290, 24.3892,
-29.4049

■ 188.5640, 17.9629,
-21.5426

■ 202.4850, 11.0999,
-13.5803

■ 215.5200, 4.6736,
-5.7180

■ 229.4410, -2.1894,
2.2442

■ 242.4760, -8.6157,
10.1065

Harmonies

Analogous

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



112.2010, 51.6659, -98.4003



121.6170, 50.9678, -61.0541



137.6320, 35.1844, 8.2157

Triad

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



121.6170, 50.9678, -61.0541



132.6640, -23.4984, 70.4547



107.8060, -6.3134, -75.2519

Complementary

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



121.6170, 50.9678, -61.0541



155.3830, -50.9678, 61.0541

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.



123.7690, -33.4101, -17.3374



121.6170, 50.9678, -61.0541



131.4770, -40.1682, 50.4477

Square

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



121.6170, 50.9678, -61.0541



134.0660, -2.9905, 72.7331



128.4980, -45.6015, 19.7343



108.3470, 16.5909, -95.0203

Rectangle

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



121.6170, 50.9678, -61.0541



138.2570, 24.0303, 39.2396



128.4980, -45.6015, 19.7343



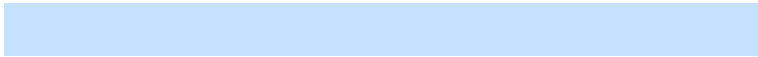
116.6970, -17.5986, -48.8463

Sweetspot

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



121.6170, 50.9678, -61.0541



219.7490, 17.3787, -20.8279



163.4690, -12.0632, -97.7583



106.0830, 10.8051, -12.3508



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.



121.6170, 50.9678, -61.0541



114.8820, 69.0782, -83.2115



71.7220, 75.5661, -17.2962



105.1890, 3.3578, -3.6738



70.5460, 51.9888, -61.8688



19.5600, 14.0209, -17.1541

Inverse Universe

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



113.4170, 11.6264, 97.8583



103.4890, 16.0279, 132.8751



205.2780, -75.5661, 17.2962



104.8590, 0.5625, 6.2627



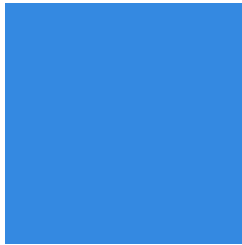
62.4280, 11.6210, 99.6026



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 121.6170, 50.9678, -61.0541 looks on a white background.

Color Contrast Check

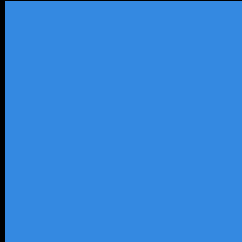
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6170, 50.9678, -61.0541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

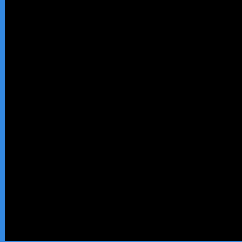
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

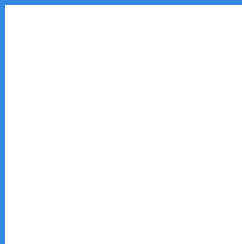
Any Text WCAG AAA × Fail

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

YUV 121.6170, 50.9678, -61.0541 Background



This preview shows how black text looks on a background with the YUV color 121.6170, 50.9678, -61.0541.



This preview shows how white text looks on a background with the YUV color 121.6170, 50.9678, -61.0541.

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

121.6170, 50.9678, -61.0541

Protanopia

131.1650, 43.3027, -29.0857

Deuteranopia

125.6400, 49.4775, -49.6733



Tritanopia

105.7030, 26.7684, -92.7015

Trichromacy



Original Color

121.6170, 50.9678, -61.0541

Protanomaly

127.4840, 46.1034, -40.7665

Deuteranomaly

124.4330, 50.0725, -53.8767

Tritanomaly

111.7720, 35.6084, -81.3610

Monochromacy



Original Color

121.6170, 50.9678, -61.0541

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6780, 18.3997, -21.6426

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6170, 50.9678, -61.0541 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(52, 137, 225)` looks like.

```
.text, #text, p{  
    color:rgb(52, 137, 225)  
}
```

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(52, 137, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 137, 225) }
```

Border

The CSS property to change the border of an element to YUV 121.6170, 50.9678, -61.0541 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(52, 137, 225) }
```


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

```
.border{ border-color:rgb(52, 137, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 137, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 137, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 137, 225);  
box-shadow:4px 4px 4px 4px rgb(52, 137,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 121.6170, 50.9678, -61.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 137, 225) }
```

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

```
.background{ background-color: rgb(52, 137,  
225) }
```

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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