

Converting Colors

YUV(136.6170, 50.9678,
-61.0541)

Have a look what the booklet for
YUV(136.6170, 50.9678, -61.0541)
contains.

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Color

**YUV(136.6170, 50.9678,
-61.0541)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4398F0 |
| RGB | 67, 152, 240 |
| RGB Percent | 26%, 60%, 94% |
| CMY | 0.7373, 0.4039, 0.0588 |
| CMYK | 0.72, 0.37, 0.00, 0.06 |
| HSL | 211°, 85%, 60% |
| HSV | 211°, 72%, 94% |
| XYZ | 29.2712, 29.9410, 86.6745 |
| YIQ | 136.6170, -78.9080, 9.3480 |

Conversions

Conversions Part 2

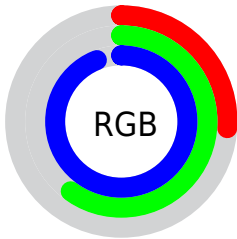
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 67, 124, 240 |
| Decimal | 4430064 |
| CIE Lab | 61.60, 3.16, -51.56 |
| CIE LCh | 62, 51.654, 273.503 |
| Yxy | 29.9410, 0.2006, 0.2052 |
| Android (android.graphics.Color) | 4282620144 (0xFF4398F0) |
| YUV | 136.6170, 50.9678, -61.0541 |
| Hunter-Lab | 54.7184, -0.2701, -55.6131 |

Details

The YUV color **136.6170, 50.9678, -61.0541** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **170.3830, -50.9678, 61.0541**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0580, 32.0164, -49.1629**, and **80.7360, 50.4162, -70.8055** is the 20% darker color. If you saturate the color by 10%, you get **122.3970, 57.9783, -69.6312**, and if you desaturate by 10%, it is **150.8370, 43.9574, -52.4770**.

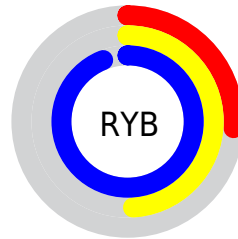
Distribution



Red (26%)

Green (60%)

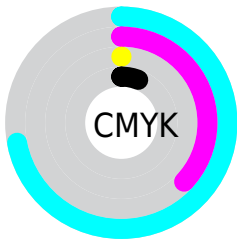
Blue (94%)



Red (26%)

Yellow (49%)

Blue (94%)

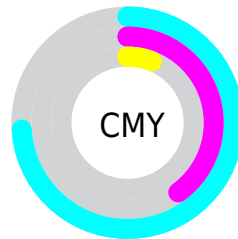


Cyan (72%)

Magenta (37%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6170, 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 136.6170, 50.9678, -61.0541 by changing the saturation by 10% instead.

■ 136.6170, 50.9678,
-61.0541

■ 136.6170, 50.9678,
-61.0541

255.0000, 0.0000,
0.0000

■ 101.0060, 54.2270,
-79.8123

■ 190.0580, 32.0164,
-49.1629

■ 80.7360, 50.4162,
-70.8055

■ 215.7630, 19.3438,
-44.5192

■ 63.5700, 45.5680,
-55.7509

■ 237.3590, 8.6970,
-36.2718

■ 47.6920, 40.5778,
-41.8259

■ 246.6280, 4.1274,
-17.2138

■ 32.9880, 35.0089,
-28.9305

■ 16.6370, 30.7450,
-14.5906

■ 9.3190, 23.0137,

-8.1728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 136.6170, 50.9678,
-61.0541

■ 136.6170, 50.9678,
-61.0541

■ 122.3970, 57.9783,
-69.6312

■ 150.8370, 43.9574,
-52.4770

■ 108.1770, 64.9887,
-78.2082

■ 165.0570, 36.9469,
-43.9000

■ 96.6260, 70.6834,
-84.7410

■ 179.8640, 29.6470,
-35.8377

■ 194.0840, 22.6366,
-27.2607

■ 208.3040, 15.6261,
-18.6836

■ 222.5240, 8.6157,
-10.1065

■ 236.7440, 1.6052,
-1.5295

■ 250.3550, -5.1050,
4.0737

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



122.4880, 53.0034, -107.4220



136.6170, 50.9678, -61.0541



152.1370, 35.9215, 5.1419

Triad

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



136.6170, 50.9678, -61.0541



147.4900, -22.9196, 71.4843



127.1450, -10.4245, -63.2712

Complementary

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



136.6170, 50.9678, -61.0541



170.3830, -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.



138.7370, -34.8733, -14.6783



136.6170, 50.9678, -61.0541



146.0150, -39.4474, 52.6068

Square

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



136.6170, 50.9678, -61.0541



149.2940, -2.1169, 72.5332



143.3350, -45.0282, 22.5082



117.8190, 17.3442, -103.3273

Rectangle

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



136.6170, 50.9678, -61.0541



153.1750, 25.0567, 36.6805



143.3350, -45.0282, 22.5082



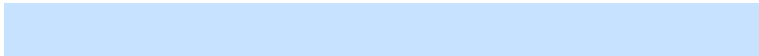
132.4480, -19.9409, -44.2429

Sweetspot

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



136.6170, 50.9678, -61.0541



221.2330, 16.6471, -19.4983



178.4690, -12.0632, -97.7583



107.8550, 9.9315, -12.1508



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.



136.6170, 50.9678, -61.0541



122.2910, 65.4255, -78.3082



86.7220, 75.5661, -17.2962



112.8900, 3.5052, -4.2885



73.8060, 54.3256, -64.7279



22.8200, 16.3577, -20.0131

Inverse Universe

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



128.4170, 11.6264, 97.8583



111.8040, 14.8866, 125.5829



220.2780, -75.5661, 17.2962



112.2720, 0.8519, 6.7775



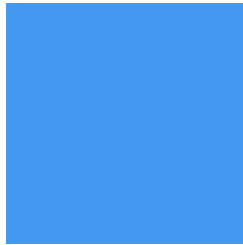
65.2760, 12.1889, 104.1209



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 136.6170, 50.9678, -61.0541 looks on a white background.

Color Contrast Check

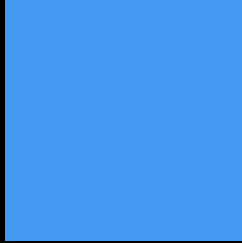
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.6170, 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

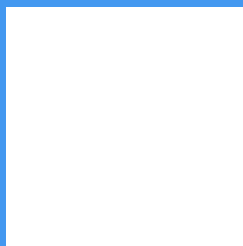
Any Text WCAG AAA × Fail

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

YUV 136.6170, 50.9678, -61.0541 Background



This preview shows how black text looks on a background with the YUV color 136.6170, 50.9678, -61.0541.



This preview shows how white text looks on a background with the YUV color 136.6170, 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

136.6170, 50.9678, -61.0541

Protanopia

145.8770, 43.4446, -27.9561

Deuteranopia

141.5590, 49.0244, -44.3402



Tritanopia

116.4460, 29.8531, -102.1231

Trichromacy



Original Color

136.6170, 50.9678, -61.0541

Protanomaly

142.7830, 45.9560, -40.1517

Deuteranomaly

139.4550, 50.0617, -50.3880

Tritanomaly

123.8960, 37.5193, -87.6088

Monochromacy



Original Color

136.6170, 50.9678, -61.0541

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6780, 18.3997, -21.6426

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6170, 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(67, 152, 240)` looks like.

```
.text, #text, p{  
    color:rgb(67, 152, 240)  
}
```

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(67, 152, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 152, 240) }
```

Border

The CSS property to change the border of an element to YUV 136.6170, 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(67, 152, 240) }
```


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

```
.border{ border-color:rgb(67, 152, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 152, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 152, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 152, 240);  
box-shadow:4px 4px 4px 4px rgb(67, 152,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 136.6170, 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(67, 152, 240) }
```

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

```
.background{ background-color: rgb(67, 152,  
240) }
```

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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