

Converting Colors

YUV(129.3570, 61.9420,
-80.9971)

Have a look what the booklet for
YUV(129.3570, 61.9420, -80.9971)
contains.

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Color

**YUV(129.3570, 61.9420,
-80.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	2598FF
RGB	37, 152, 255
RGB Percent	15%, 60%, 100%
CMY	0.8549, 0.4039, 0.0000
CMYK	0.85, 0.40, 0.00, 0.00
HSL	208°, 100%, 57%
HSV	208°, 85%, 100%
XYZ	30.0412, 30.0698, 98.8285
YIQ	129.3570, -101.6030, 7.6530

Conversions

Conversions Part 2

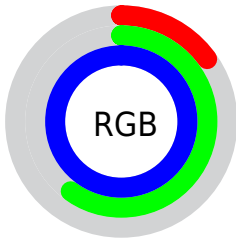
Format	Color
R _Y B	37, 112, 255
Decimal	2463999
CIE Lab	61.71, 5.61, -59.65
CIE LCh	62, 59.917, 275.375
Yxy	30.0698, 0.1890, 0.1892
Android (android.graphics.Color)	4280654079 (0xFF2598FF)
YUV	129.3570, 61.9420, -80.9971
Hunter-Lab	54.8359, 1.8262, -68.4707

Details

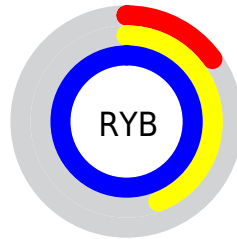
The YUV color **129.3570, 61.9420, -80.9971** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **162.6430, -61.9420, 80.9971**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1710, 33.9327, -57.1550**, and **82.4460, 56.9681, -72.3051** is the 20% darker color. If you saturate the color by 10%, you get **114.8380, 69.0999, -90.1889**, and if you desaturate by 10%, it is **144.1750, 54.6367, -71.1905**.

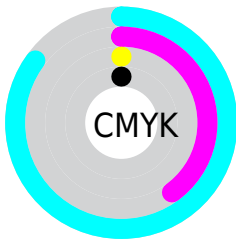
Distribution



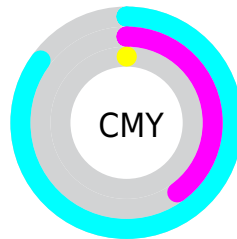
- Red (15%)
- Green (60%)
- Blue (100%)



- Red (15%)
- Yellow (44%)
- Blue (100%)



- Cyan (85%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.3570, 61.9420, -80.9971 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 129.3570, 61.9420, -80.9971 by changing the saturation by 10% instead.

■ 129.3570, 61.9420,
-80.9971

■ 129.3570, 61.9420,
-80.9971

■ 255.0000, 0.0000,
0.0000

■ 99.7260, 62.2531,
-87.4597

■ 186.1710, 33.9327,
-57.1550

■ 82.4460, 56.9681,
-72.3051

■ 212.4740, 20.9653,
-51.2817

■ 65.7530, 51.3938,
-57.6654

■ 234.3690, 10.1711,
-42.4196

■ 49.7610, 45.9668,
-43.6404

■ 243.9370, 5.4541,
-22.7467

■ 35.0570, 40.3979,
-30.7450

■ 253.2060, 0.8844,
-3.6887

■ 19.1790, 35.4078,
-16.8200

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 129.3570, 61.9420,
-80.9971

■ 129.3570, 61.9420,
-80.9971

■ 114.8380, 69.0999,
-90.1889

■ 144.1750, 54.6367,
-71.1905

■ 108.3150, 72.3157,
-94.9923

■ 158.6940, 47.4789,
-61.9986

■ 173.5120, 40.1736,
-52.1920

■ 188.0310, 33.0157,
-43.0002

■ 202.8490, 25.7104,
-33.1936

■ 217.3680, 18.5526,
-24.0017

■ 232.1860, 11.2473,
-14.1951

■ 246.7050, 4.0894,
-5.0033

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



125.3720, 58.9766, -109.9512



129.3570, 61.9420, -80.9971



152.5380, 41.1468, 9.1752

Triad

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



129.3570, 61.9420, -80.9971



145.8180, -27.0253, 81.7206



112.1190, -4.4957, -98.3284

Complementary

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



129.3570, 61.9420, -80.9971



162.6430, -61.9420, 80.9971

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.



135.5530, -39.2196, -20.6560



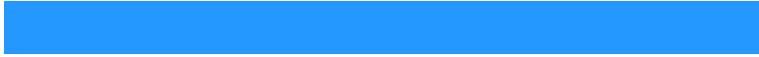
129.3570, 61.9420, -80.9971



144.9850, -47.3206, 57.8952

Square

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



129.3570, 61.9420, -80.9971



146.6700, -2.3023, 85.3584



141.7020, -55.0691, 23.0633



120.0360, 18.2233, -105.2716

Rectangle

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



129.3570, 61.9420, -80.9971



153.0390, 28.0818, 46.4468



141.7020, -55.0691, 23.0633



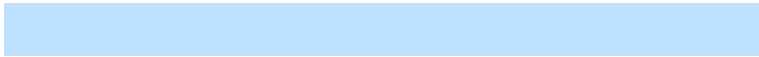
126.9470, -20.1869, -58.7125

Sweetspot

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



129.3570, 61.9420, -80.9971



217.0690, 18.7000, -24.6165



176.5940, -18.5338, -122.4239



104.8870, 11.3947, -14.8099



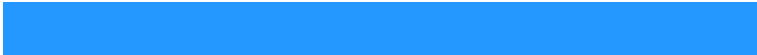
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



129.3570, 61.9420, -80.9971



108.3150, 72.3157, -94.9923



65.9610, 93.1962, -25.3988



120.0040, 3.9420, -4.3885



81.0610, 54.1999, -71.0905



27.2540, 18.1158, -23.9018

Inverse Universe

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



115.2920, 18.0970, 122.5239



91.6350, 21.3789, 143.2711



226.0390, -93.1962, 25.3988



119.5710, 0.7045, 7.3922



68.6230, 15.9619, 107.3246



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 129.3570, 61.9420, -80.9971 looks on a white background.

Color Contrast Check

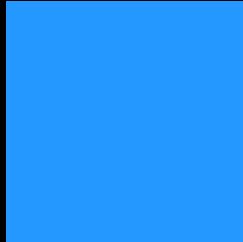
Large Text (above 18pt) WCAG AA × Fail

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 129.3570, 61.9420, -80.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

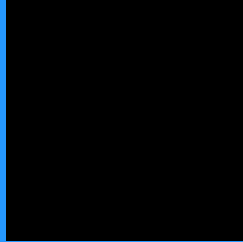
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

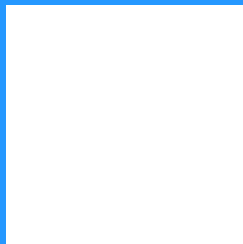
Any Text WCAG AAA ✓ Pass

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

YUV 129.3570, 61.9420, -80.9971 Background



This preview shows how black text looks on a background with the YUV color 129.3570, 61.9420, -80.9971.



This preview shows how white text looks on a background with the YUV color 129.3570, 61.9420, -80.9971.

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

129.3570, 61.9420, -80.9971

Protanopia

144.7820, 50.8865, -34.8888

Deuteranopia

136.5550, 58.3934, -62.7537



Tritanopia

116.3320, 29.4163, -102.0232

Trichromacy



Original Color

129.3570, 61.9420, -80.9971

Protanomaly

139.4100, 55.0139, -52.1026

Deuteranomaly

134.1520, 59.5781, -69.4163

Tritanomaly

121.1770, 41.3247, -94.8712

Monochromacy



Original Color

129.3570, 61.9420, -80.9971

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0730, 22.6420, -29.0050

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3570, 61.9420, -80.9971 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(37, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(37, 152, 255)  
}
```

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(37, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 152, 255) }
```

Border

The CSS property to change the border of an element to YUV 129.3570, 61.9420, -80.9971 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(37, 152, 255) }
```


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

```
.border{ border-color:rgb(37, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 152, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 152, 255); box-shadow:4px 4px 4px 4px rgb(37, 152, 255) }
```

Background

The CSS property to change the background color of an element to YUV 129.3570, 61.9420, -80.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 152, 255) }
```

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

```
.background{ background-color: rgb(37, 152,  
255) }
```

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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