

Converting Colors

YUV(126.1950, 61.0359,
-70.3310)

Have a look what the booklet for
YUV(126.1950, 61.0359, -70.3310)
contains.

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Color

**YUV(126.1950, 61.0359,
-70.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	2E8FFA
RGB	46, 143, 250
RGB Percent	18%, 56%, 98%
CMY	0.8196, 0.4392, 0.0196
CMYK	0.82, 0.43, 0.00, 0.02
HSL	211°, 95%, 58%
HSV	211°, 82%, 98%
XYZ	28.2045, 27.1279, 94.1922
YIQ	126.1950, -92.1590, 12.7130

Conversions

Conversions Part 2

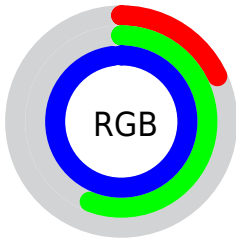
Format	Color
R _Y B	46, 112, 250
Decimal	3051514
CIE Lab	59.09, 9.83, -61.10
CIE LCh	59, 61.882, 279.136
Yxy	27.1279, 0.1886, 0.1814
Android (android.graphics.Color)	4281241594 (0xFF2E8FFA)
YUV	126.1950, 61.0359, -70.3310
Hunter-Lab	52.0844, 5.5126, -70.7639

Details

The YUV color **126.1950, 61.0359, -70.3310** 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 **169.8050, -61.0359, 70.3310**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1980, 36.3844, -50.1626**, and **77.1800, 57.0993, -67.6869** is the 20% darker color. If you saturate the color by 10%, you get **111.0890, 68.4831, -79.0081**, and if you desaturate by 10%, it is **141.3010, 53.5886, -61.6540**.

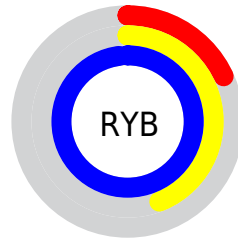
Distribution



 Red (18%)

 Green (56%)

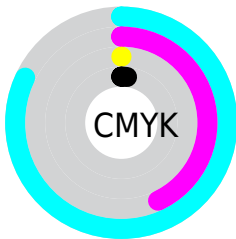
 Blue (98%)



 Red (18%)

 Yellow (44%)

 Blue (98%)

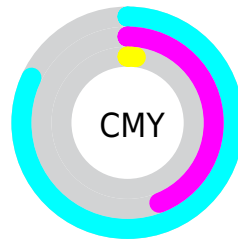


 Cyan (82%)


 Magenta (43%)

 Yellow (0%)

 Black (2%)



 Cyan (82%)

 Magenta (44%)

 Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1950, 61.0359, -70.3310 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 126.1950, 61.0359, -70.3310 by changing the saturation by 10% instead.

■ 126.1950, 61.0359,
-70.3310

■ 126.1950, 61.0359,
-70.3310

■ 255.0000, 0.0000,
0.0000

■ 94.4600, 62.3842,
-82.8414

■ 181.1980, 36.3844,
-50.1626

■ 77.1800, 57.0993,
-67.6869

■ 207.2020, 23.5644,
-44.9042

■ 60.4870, 51.5249,
-53.0471

■ 233.2060, 10.7444,
-39.6457

■ 44.4950, 46.0980,
-39.0221

■ 244.2360, 5.3067,
-22.1320

■ 30.3780, 40.2396,
-26.6415

■ 253.8040, 0.5896,
-2.4591

■ 14.6140, 35.6863,
-12.8165

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 126.1950, 61.0359,
-70.3310

■ 126.1950, 61.0359,
-70.3310

■ 111.0890, 68.4831,
-79.0081

■ 141.3010, 53.5886,
-61.6540

■ 98.3530, 74.7620,
-86.2556

■ 156.4070, 46.1413,
-52.9769

■ 171.5130, 38.6941,
-44.2999

■ 186.6190, 31.2468,
-35.6229

■ 202.3120, 23.5102,
-27.4606

■ 217.4180, 16.0629,
-18.7836

■ 232.5240, 8.6157,
-10.1065

■ 247.6300, 1.1684,
-1.4295

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



120.5620, 60.8549, -105.7329



126.1950, 61.0359, -70.3310



145.9520, 39.9567, 17.5821

Triad

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



126.1950, 61.0359, -70.3310



138.1940, -30.6616, 81.3909



108.3690, -3.6329, -95.0396

Complementary

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



126.1950, 61.0359, -70.3310



169.8050, -61.0359, 70.3310

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.



126.8510, -37.8875, -27.9333



126.1950, 61.0359, -70.3310



136.9370, -51.2409, 55.3063

Square

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



126.1950, 61.0359, -70.3310



138.5950, -5.2233, 88.9322



132.5290, -59.4208, 18.8301



116.6280, 20.3964, -102.2828

Rectangle

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



126.1950, 61.0359, -70.3310



145.3280, 26.4603, 53.2093



132.5290, -59.4208, 18.8301



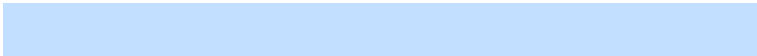
111.4220, -14.0120, -79.3001

Sweetspot

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



126.1950, 61.0359, -70.3310



217.9770, 18.2523, -21.0278



177.7180, -13.1720, -115.5167



105.1970, 11.2419, -12.4508



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.



126.1950, 61.0359, -70.3310



103.3530, 74.7620, -86.2556



70.1530, 88.6646, -18.5512



117.0040, 3.9420, -4.3885



74.3760, 56.5096, -65.2278



23.9770, 18.2523, -21.0278

Inverse Universe

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



118.0540, 12.2984, 115.7166



93.3160, 15.1272, 141.7969



225.8470, -88.6646, 18.5512



116.5710, 0.7045, 7.3922



66.7710, 11.4519, 107.1948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 126.1950, 61.0359, -70.3310 looks on a white background.

Color Contrast Check

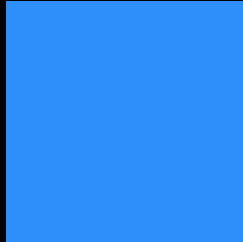
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1950, 61.0359, -70.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

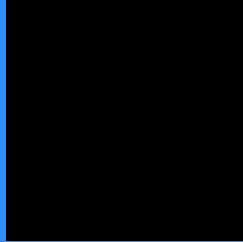
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

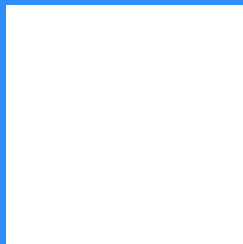
Any Text WCAG AAA × Fail

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

YUV 126.1950, 61.0359, -70.3310 Background



This preview shows how black text looks on a background with the YUV color 126.1950, 61.0359, -70.3310.



This preview shows how white text looks on a background with the YUV color 126.1950, 61.0359, -70.3310.

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

126.1950, 61.0359, -70.3310

Protanopia

136.7430, 53.3707, -38.3626

Deuteranopia

125.2980, 61.4781, -72.1753



Tritanopia

111.3110, 27.9477, -97.6197

Trichromacy



Original Color

126.1950, 61.0359, -70.3310

Protanomaly

133.0620, 56.1714, -50.0434

Deuteranomaly

125.5970, 61.3307, -71.5606

Tritanomaly

116.8790, 39.9927, -87.5939

Monochromacy



Original Color

126.1950, 61.0359, -70.3310

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9810, 22.1944, -25.4163

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1950, 61.0359, -70.3310 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(46, 143, 250)` looks like.

```
.text, #text, p{  
    color:rgb(46, 143, 250)  
}
```

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(46, 143, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 143, 250) }
```

Border

The CSS property to change the border of an element to YUV 126.1950, 61.0359, -70.3310 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(46, 143, 250) }
```


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

```
.border{ border-color:rgb(46, 143, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 143, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 143, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 143, 250);  
box-shadow:4px 4px 4px 4px rgb(46, 143,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 126.1950, 61.0359, -70.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 143, 250) }
```

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

```
.background{ background-color: rgb(46, 143,  
250) }
```

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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