

Converting Colors

YUV(128.7110, 61.7675,
-71.6605)

Have a look what the booklet for
YUV(128.7110, 61.7675, -71.6605)
contains.

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Color

**YUV(128.7110, 61.7675,
-71.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	2F92FE
RGB	47, 146, 254
RGB Percent	18%, 57%, 100%
CMY	0.8157, 0.4275, 0.0039
CMYK	0.81, 0.43, 0.00, 0.00
HSL	211°, 99%, 59%
HSV	211°, 81%, 100%
XYZ	29.3406, 28.3179, 97.6854
YIQ	128.7110, -93.6720, 12.6000

Conversions

Conversions Part 2

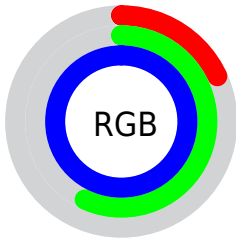
Format	Color
R _Y B	47, 114, 254
Decimal	3117822
CIE Lab	60.17, 9.58, -61.56
CIE LCh	60, 62.300, 278.845
Yxy	28.3179, 0.1889, 0.1823
Android (android.graphics.Color)	4281307902 (0xFF2F92FE)
YUV	128.7110, 61.7675, -71.6605
Hunter-Lab	53.2145, 5.2930, -71.5879

Details

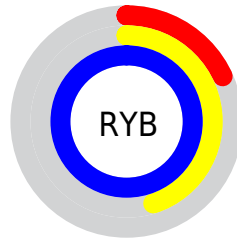
The YUV color **128.7110, 61.7675, -71.6605** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **172.2890, -61.7675, 71.6605**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.2580, 35.3688, -51.0923**, and **78.8100, 58.2677, -69.1164** is the 20% darker color. If you saturate the color by 10%, you get **113.6050, 69.2147, -80.3376**, and if you desaturate by 10%, it is **143.8170, 54.3202, -62.9835**.

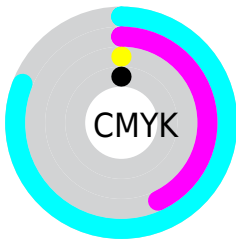
Distribution



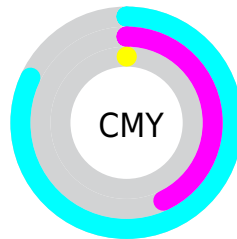
- Red (18%)
- Green (57%)
- Blue (100%)



- Red (18%)
- Yellow (45%)
- Blue (100%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7110, 61.7675, -71.6605 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 128.7110, 61.7675, -71.6605 by changing the saturation by 10% instead.

■ 128.7110, 61.7675,
-71.6605

■ 128.7110, 61.7675,
-71.6605

255.0000, 0.0000,
0.0000

■ 96.6770, 63.2632,
-84.7857

■ 183.2580, 35.3688,
-51.0923

■ 78.8100, 58.2677,
-69.1164

■ 209.5610, 22.4014,
-45.2190

■ 62.1170, 52.6933,
-54.4766

■ 235.5650, 9.5815,
-39.9605

■ 46.7120, 46.9770,
-40.9664

■ 244.8340, 5.0118,
-20.9024

■ 32.5950, 41.1187,
-28.5858

254.4020, 0.2948,
-1.2296

■ 13.7820, 37.5755,
-12.0868

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 128.7110, 61.7675,
-71.6605

■ 128.7110, 61.7675,
-71.6605

■ 113.6050, 69.2147,
-80.3376

■ 143.8170, 54.3202,
-62.9835

■ 99.9830, 75.9304,
-87.6851

■ 159.8090, 46.4362,
-54.2065

■ 174.9150, 38.9889,
-45.5295

■ 190.3200, 31.3942,
-36.2376

■ 205.4260, 23.9470,
-27.5606

■ 221.1190, 16.2103,
-19.3984

■ 236.5240, 8.6157,
-10.1065

■ 251.6300, 1.1684,
-1.4295

■ 254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



122.6650, 61.2972, -107.5772



128.7110, 61.7675, -71.6605



148.7670, 40.5409, 16.8673

Triad

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



128.7110, 61.7675, -71.6605



140.9060, -30.5197, 82.5204



110.3580, -3.6275, -96.7840

Complementary

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



128.7110, 61.7675, -71.6605



172.2890, -61.7675, 71.6605

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.



129.7370, -38.3243, -27.8333



128.7110, 61.7675, -71.6605



140.1220, -51.8251, 56.0210

Square

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



128.7110, 61.7675, -71.6605



141.3070, -5.0814, 90.0618



135.8280, -59.5682, 19.4448



118.6170, 20.4018, -104.0271

Rectangle

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



128.7110, 61.7675, -71.6605



148.4420, 26.8971, 53.1094



135.8280, -59.5682, 19.4448



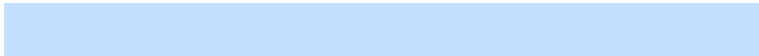
115.2050, -14.8911, -77.3558

Sweetspot

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



128.7110, 61.7675, -71.6605



217.9770, 18.2523, -21.0278



180.7070, -13.1666, -117.2610



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.



128.7110, 61.7675, -71.6605



103.9400, 74.4726, -86.7704



71.4950, 89.9750, -18.8511



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Inverse Universe

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



120.1790, 12.7298, 117.3610



93.4300, 15.5640, 141.6969



229.5050, -89.9750, 18.8511



119.5710, 0.7045, 7.3922



67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 128.7110, 61.7675, -71.6605 looks on a white background.

Color Contrast Check

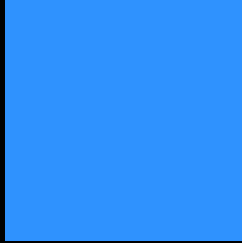
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.7110, 61.7675, -71.6605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

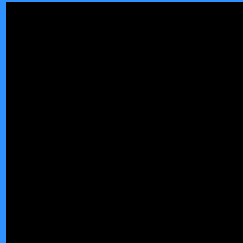
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

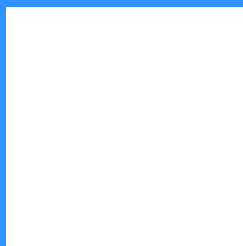
Any Text WCAG AAA × Fail

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

YUV 128.7110, 61.7675, -71.6605 Background



This preview shows how black text looks on a background with the YUV color 128.7110, 61.7675, -71.6605.



This preview shows how white text looks on a background with the YUV color 128.7110, 61.7675, -71.6605.

-71.6605.

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

128.7110, 61.7675, -71.6605

Protanopia

139.1560, 53.6601, -37.8478

Deuteranopia

128.7110, 61.7675, -71.6605

Trichromacy



Original Color

128.7110, 61.7675, -71.6605

Protanomaly

135.1760, 56.6082, -50.1434

Deuteranomaly

128.7110, 61.7675, -71.6605

Monochromacy



Original Color

128.7110, 61.7675, -71.6605

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6820, 22.3418, -26.0311

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7110, 61.7675, -71.6605 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(47, 146, 254)` looks like.

```
.text, #text, p{  
  color:rgb(47, 146, 254)  
}
```

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(47, 146, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 146, 254) }
```

Border

The CSS property to change the border of an element to YUV 128.7110, 61.7675, -71.6605 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(47, 146, 254) }
```

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

```
.border{ border-color:rgb(47, 146, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 146, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 146, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 146, 254);  
box-shadow:4px 4px 4px 4px rgb(47, 146,  
254) }
```


Background

The CSS property to change the background color of an element to YUV 128.7110, 61.7675, -71.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 146, 254) }
```

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

```
.background{ background-color: rgb(47, 146,  
254) }
```

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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