

Converting Colors

YUV(128.5280, 55.9417,
-69.7461)

Have a look what the booklet for
YUV(128.5280, 55.9417, -69.7461)
contains.

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Color

**YUV(128.5280, 55.9417,
-69.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	3193F2
RGB	49, 147, 242
RGB Percent	19%, 58%, 95%
CMY	0.8078, 0.4235, 0.0510
CMYK	0.80, 0.39, 0.00, 0.05
HSL	210°, 88%, 57%
HSV	210°, 80%, 95%
XYZ	27.7274, 27.9312, 87.9343
YIQ	128.5280, -88.9030, 8.7690

Conversions

Conversions Part 2

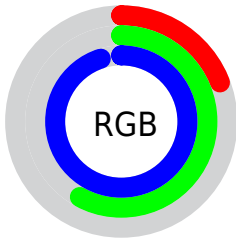
Format	Color
R _Y B	49, 114, 242
Decimal	3249138
CIE Lab	59.83, 4.77, -55.51
CIE LCh	60, 55.719, 274.912
Yxy	27.9312, 0.1931, 0.1945
Android (android.graphics.Color)	4281439218 (0xFF3193F2)
YUV	128.5280, 55.9417, -69.7461
Hunter-Lab	52.8500, 1.1612, -61.6545

Details

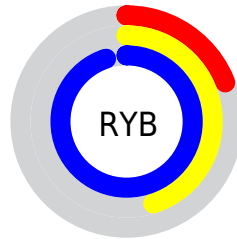
The YUV color **128.5280, 55.9417, -69.7461** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **162.4720, -55.9417, 69.7461**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1330, 34.9374, -52.7366**, and **78.0290, 52.7367, -68.4314** is the 20% darker color. If you saturate the color by 10%, you get **114.3080, 62.9522, -78.3231**, and if you desaturate by 10%, it is **142.7480, 48.9312, -61.1690**.

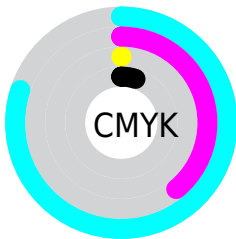
Distribution



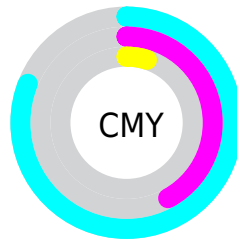
- Red (19%)
- Green (58%)
- Blue (95%)



- Red (19%)
- Yellow (45%)
- Blue (95%)



- Cyan (80%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (81%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5280, 55.9417, -69.7461 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 128.5280, 55.9417, -69.7461 by changing the saturation by 10% instead.

■ 128.5280, 55.9417,
-69.7461

■ 128.5280, 55.9417,
-69.7461

255.0000, 0.0000,
0.0000

■ 95.8960, 57.7323,
-84.1008

■ 184.1330, 34.9374,
-52.7366

■ 78.0290, 52.7367,
-68.4314

■ 209.5500, 22.4069,
-46.9633

■ 61.4500, 47.5992,
-53.8916

■ 234.6680, 10.0237,
-41.8048

■ 45.4580, 42.1722,
-39.8667

■ 243.9370, 5.4541,
-22.7467

■ 31.3410, 36.3139,
-27.4861

■ 253.2060, 0.8844,
-3.6887

■ 13.3430, 33.3549,
-11.7018

■ 9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 128.5280, 55.9417,
-69.7461

■ 128.5280, 55.9417,
-69.7461

■ 114.3080, 62.9522,
-78.3231

■ 142.7480, 48.9312,
-61.1690

■ 100.0880, 69.9626,
-86.9002

■ 156.9680, 41.9208,
-52.5919

■ 99.7890, 70.1100,
-87.5150

■ 171.4870, 34.7629,
-43.4001

■ 185.7070, 27.7524,
-34.8230

■ 199.9270, 20.7420,
-26.2460

■ 213.5600, 14.0209,
-17.1541

■ 227.7800, 7.0105,
-8.5771

■ 242.2990, -0.1474,
0.6148

■ 252.9310, -5.3890,
1.8145

Harmonies

Analogous

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



120.3680, 55.0346, -105.5627



128.5280, 55.9417, -69.7461



147.7290, 38.0946, 8.1307

Triad

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



128.5280, 55.9417, -69.7461



141.9420, -25.1144, 75.4729



114.5340, -7.1653, -82.0293

Complementary

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



128.5280, 55.9417, -69.7461



162.4720, -55.9417, 69.7461

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.



132.2590, -36.6097, -17.7671



128.5280, 55.9417, -69.7461



140.7010, -43.2366, 54.6362

Square

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



128.5280, 55.9417, -69.7461



142.9250, -2.4280, 78.9958



137.4830, -49.5381, 22.3784



115.8300, 17.3388, -101.5829

Rectangle

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



128.5280, 55.9417, -69.7461



148.4360, 25.9141, 41.7136



137.4830, -49.5381, 22.3784



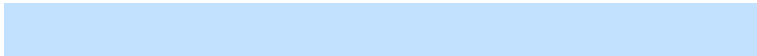
124.8060, -19.6244, -52.4499

Sweetspot

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



128.5280, 55.9417, -69.7461



219.1510, 17.6736, -22.0574



172.8930, -15.2302, -108.6542



105.7840, 10.9525, -12.9656



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.



128.5280, 55.9417, -69.7461



111.3050, 70.8416, -88.8445



72.7630, 83.4338, -20.8402



112.8900, 3.5052, -4.2885



75.5670, 53.4575, -66.2723



22.8200, 16.3577, -20.0131

Inverse Universe

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



117.8790, 14.3567, 108.8541



97.5050, 18.4850, 138.1231



218.2370, -83.4338, 20.8402



112.2720, 0.8519, 6.7775



65.6180, 13.4993, 103.8210



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 128.5280, 55.9417, -69.7461 looks on a white background.

Color Contrast Check

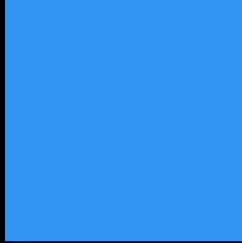
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5280, 55.9417, -69.7461 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

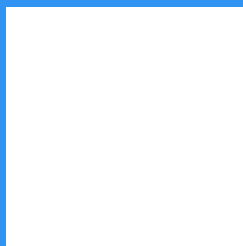
Any Text WCAG AAA × Fail

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

YUV 128.5280, 55.9417, -69.7461 Background



This preview shows how black text looks on a background with the YUV color 128.5280, 55.9417, -69.7461.



This preview shows how white text looks on a background with the YUV color 128.5280, 55.9417, -69.7461.

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

128.5280, 55.9417, -69.7461

Protanopia

140.3650, 46.6551, -31.0151

Deuteranopia

133.7580, 53.8563, -54.1618



Tritanopia

112.8270, 28.6793, -98.9493

Trichromacy



Original Color

128.5280, 55.9417, -69.7461

Protanomaly

136.4880, 50.0454, -45.1550

Deuteranomaly

131.9530, 54.7462, -59.5948

Tritanomaly

118.8250, 38.5403, -88.4235

Monochromacy



Original Color

128.5280, 55.9417, -69.7461

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1120, 20.1578, -25.5312

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5280, 55.9417, -69.7461 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(49, 147, 242)` looks like.

```
.text, #text, p{  
    color:rgb(49, 147, 242)  
}
```

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(49, 147, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 147, 242) }
```

Border

The CSS property to change the border of an element to YUV 128.5280, 55.9417, -69.7461 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(49, 147, 242) }
```


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

```
.border{ border-color:rgb(49, 147, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 147, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 147, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 147, 242);  
box-shadow:4px 4px 4px 4px rgb(49, 147,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 128.5280, 55.9417, -69.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 147, 242) }
```

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

```
.background{ background-color: rgb(49, 147,  
242) }
```

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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