

Converting Colors

YUV(131.4190, 54.5164,
-79.2975)

Have a look what the booklet for
YUV(131.4190, 54.5164, -79.2975)
contains.

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Color

**YUV(131.4190, 54.5164,
-79.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	299CF2
RGB	41, 156, 242
RGB Percent	16%, 61%, 95%
CMY	0.8392, 0.3882, 0.0510
CMYK	0.83, 0.36, 0.00, 0.05
HSL	206°, 89%, 55%
HSV	206°, 83%, 95%
XYZ	28.8299, 30.6592, 88.4027
YIQ	131.4190, -96.1460, 2.3660

Conversions

Conversions Part 2

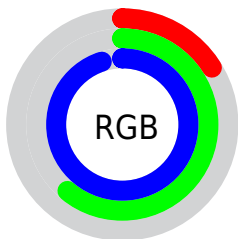
Format	Color
R _Y B	41, 114, 242
Decimal	2727154
CIE Lab	62.22, -1.20, -51.72
CIE LCh	62, 51.734, 268.668
Yxy	30.6592, 0.1949, 0.2073
Android (android.graphics.Color)	4280917234 (0xFF299CF2)
YUV	131.4190, 54.5164, -79.2975
Hunter-Lab	55.3707, -3.9589, -55.9006

Details

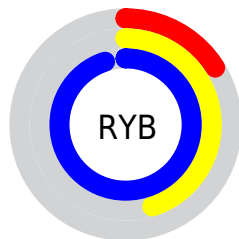
The YUV color **131.4190, 54.5164, -79.2975** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **151.5810, -54.5164, 79.2975**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2200, 32.9225, -59.8289**, and **82.7250, 50.4216, -72.5498** is the 20% darker color. If you saturate the color by 10%, you get **118.3730, 60.9481, -88.9041**, and if you desaturate by 10%, it is **144.4650, 48.0848, -69.6908**.

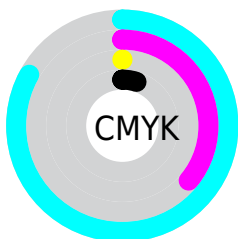
Distribution



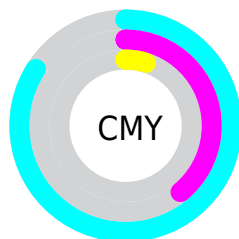
- Red (16%)
- Green (61%)
- Blue (95%)



- Red (16%)
- Yellow (45%)
- Blue (95%)



- Cyan (83%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)



- Cyan (84%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4190, 54.5164, -79.2975 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 131.4190, 54.5164, -79.2975 by changing the saturation by 10% instead.

■ 131.4190, 54.5164,
-79.2975

■ 131.4190, 54.5164,
-79.2975

■ 255.0000, 0.0000,
0.0000

■ 100.5920, 55.4171,
-88.2192

■ 188.2200, 32.9225,
-59.8289

■ 82.7250, 50.4216,
-72.5498

■ 214.2240, 20.1026,
-54.5704

■ 66.1460, 45.2840,
-58.0100

■ 233.7710, 10.4659,
-43.6492

■ 49.5670, 40.1465,
-43.4703

■ 243.0400, 5.8963,
-24.5911

■ 34.9770, 35.0143,
-30.6748

■ 252.3090, 1.3267,
-5.5330

■ 19.8000, 30.1716,
-17.3646

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 131.4190, 54.5164,
-79.2975

■ 131.4190, 54.5164,
-79.2975

■ 118.3730, 60.9481,
-88.9041

■ 144.4650, 48.0848,
-69.6908

■ 108.5940, 65.7692,
-95.2369

■ 158.0980, 41.3637,
-60.5989

■ 171.4430, 34.7846,
-50.3775

■ 184.4890, 28.3529,
-40.7709

■ 198.1220, 21.6319,
-31.6790

■ 211.1680, 15.2002,
-22.0723

■ 224.2140, 8.7685,
-12.4657

■ 238.1460, 1.9000,
-2.7590

■ 249.9960, -3.9420,
4.3885

Harmonies

Analogous

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



124.0210, 51.2616, -108.7664



131.4190, 54.5164, -79.2975



152.4780, 38.7113, -3.0502

Triad

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



131.4190, 54.5164, -79.2975



149.5980, -20.0148, 73.1436



131.9460, -15.2564, -53.4496

Complementary

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



131.4190, 54.5164, -79.2975



151.5810, -54.5164, 79.2975

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.



141.3850, -37.6578, -8.2306



131.4190, 54.5164, -79.2975



148.2050, -37.5691, 56.8252

Square

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



131.4190, 54.5164, -79.2975



151.4940, 1.2355, 70.6038



145.6670, -45.1918, 28.3560



118.3090, 14.1447, -103.7570

Rectangle

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



131.4190, 54.5164, -79.2975



155.1140, 27.5518, 29.7180



145.6670, -45.1918, 28.3560



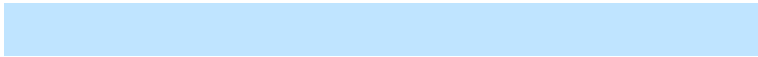
136.3520, -24.3305, -36.2657

Sweetspot

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



131.4190, 54.5164, -79.2975



220.0150, 17.2476, -25.4462



168.5630, -21.4766, -111.8728



106.3600, 10.6685, -15.2247



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.



131.4190, 54.5164, -79.2975



114.7720, 69.1324, -100.6550



73.8930, 82.8768, -28.8472



113.4770, 3.2158, -4.8033



82.6110, 49.9848, -72.4498



25.1680, 15.2002, -22.0723

Inverse Universe

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



114.2090, 20.6030, 112.0727



92.8890, 26.1837, 142.1713



209.1070, -82.8768, 28.8472



112.3860, 1.2887, 6.6775



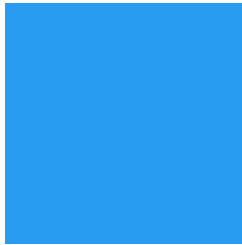
66.9860, 18.7409, 102.6213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 131.4190, 54.5164, -79.2975 looks on a white background.

Color Contrast Check

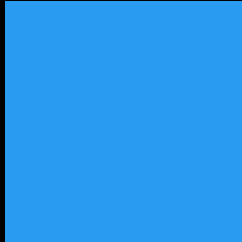
Large Text (above 18pt) WCAG AA × Fail

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 131.4190, 54.5164, -79.2975 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

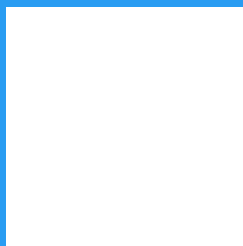
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.4190, 54.5164, -79.2975

Background



This preview shows how black text looks on a background with the YUV color 131.4190, 54.5164, -79.2975.



This preview shows how white text looks on a background with the YUV color 131.4190, 54.5164, -79.2975.

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

131.4190, 54.5164, -79.2975

Protanopia

147.2470, 42.2762, -26.5266

Deuteranopia

142.9610, 49.3192, -45.5698



Tritanopia

117.7340, 29.7111, -103.2527

Trichromacy



Original Color

131.4190, 54.5164, -79.2975

Protanomaly

141.5650, 46.5565, -46.0995

Deuteranomaly

138.7530, 51.3938, -57.6654

Tritanomaly

122.4930, 38.7040, -94.2714

Monochromacy



Original Color

131.4190, 54.5164, -79.2975

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9760, 19.7318, -28.9200

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4190, 54.5164, -79.2975 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(41, 156, 242)` looks like.

```
.text, #text, p{  
    color:rgb(41, 156, 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(41, 156, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 156, 242) }
```

Border

The CSS property to change the border of an element to YUV 131.4190, 54.5164, -79.2975 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(41, 156, 242) }
```


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

```
.border{ border-color:rgb(41, 156, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 156, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 156, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 156, 242);  
box-shadow:4px 4px 4px 4px rgb(41, 156,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 131.4190, 54.5164, -79.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 156, 242) }
```

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

```
.background{ background-color: rgb(41, 156,  
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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