

Converting Colors

YUV(131.1260, 35.4339,
-72.0245)

Have a look what the booklet for
YUV(131.1260, 35.4339, -72.0245)
contains.

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Color

**YUV(131.1260, 35.4339,
-72.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	319FCB
RGB	49, 159, 203
RGB Percent	19%, 62%, 80%
CMY	0.8078, 0.3765, 0.2039
CMYK	0.76, 0.22, 0.00, 0.20
HSL	197°, 61%, 49%
HSV	197°, 76%, 80%
XYZ	24.4443, 29.7610, 60.9560
YIQ	131.1260, -79.6840, -9.6360

Conversions

Conversions Part 2

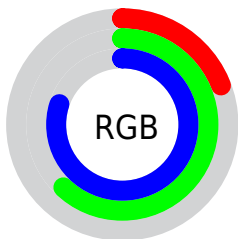
Format	Color
R_{YB}	49, 113, 203
Decimal	3252171
CIE _{Lab}	61.45, -15.86, -31.30
CIE _{LCh}	61, 35.092, 243.135
Yxy	29.7610, 0.2123, 0.2584
Android (android.graphics.Color)	4281442251 (0xFF319FCB)
YUV	131.1260, 35.4339, -72.0245
Hunter-Lab	54.5537, -15.4872, -28.0606

Details

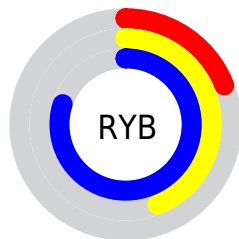
The YUV color **131.1260, 35.4339, -72.0245** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **120.8740, -35.4339, 72.0245**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6710, 32.2072, -63.7325**, and **80.3820, 33.8287, -70.4950** is the 20% darker color. If you saturate the color by 10%, you get **121.6240, 40.1184, -81.2312**, and if you desaturate by 10%, it is **140.6280, 30.7494, -62.8178**.

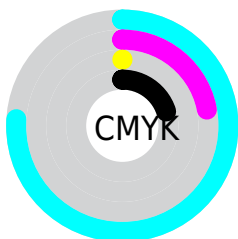
Distribution



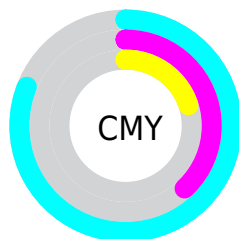
- Red (19%)
- Green (62%)
- Blue (80%)



- Red (19%)
- Yellow (44%)
- Blue (80%)



- Cyan (76%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (81%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1260, 35.4339, -72.0245 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 131.1260, 35.4339, -72.0245 by changing the saturation by 10% instead.

■ 131.1260, 35.4339,
-72.0245

■ 131.1260, 35.4339,
-72.0245

■ 255.0000, 0.0000,
0.0000

■ 98.0210, 37.9506,
-85.9644

■ 189.6710, 32.2072,
-63.7325

■ 80.3820, 33.8287,
-70.4950

■ 215.3760, 19.5346,
-59.0888

■ 62.7430, 29.7067,
-55.0256

■ 231.9770, 11.3503,
-47.3378

■ 46.3920, 25.4427,
-40.6858

■ 240.9470, 6.9281,
-28.8945

■ 30.7420, 21.3262,
-26.9607

■ 249.9170, 2.5059,
-10.4512

■ 14.0320, 18.2252,
-12.3061

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 131.1260, 35.4339,
-72.0245

■ 131.1260, 35.4339,
-72.0245

■ 121.6240, 40.1184,
-81.2312

■ 140.6280, 30.7494,
-62.8178

■ 111.8230, 44.9503,
-91.0528

■ 150.4290, 25.9175,
-52.9962

■ 108.2570, 46.7083,
-94.9414

■ 159.3440, 21.5224,
-43.2747

■ 168.8460, 16.8379,
-34.0679

■ 178.6470, 12.0060,
-24.2464

■ 188.1490, 7.3215,
-15.0397

■ 197.6510, 2.6371,
-5.8329

■ 206.5660, -1.7580,
3.8886

■ 216.3670, -6.5899,
13.7101

Harmonies

Analogous

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



116.9020, 31.6003, -102.5231



131.1260, 35.4339, -72.0245



144.2820, 32.3990, -31.8193

Triad

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



131.1260, 35.4339, -72.0245



151.3250, -2.6252, 48.8270



142.7560, -23.5437, -8.5560

Complementary

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



131.1260, 35.4339, -72.0245



120.8740, -35.4339, 72.0245

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.



146.0150, -29.5874, 16.6498



131.1260, 35.4339, -72.0245



149.6660, -16.5973, 50.2819

Square

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



131.1260, 35.4339, -72.0245



152.7110, 11.9745, 32.7025



148.2440, -26.7423, 37.4970



137.0650, -8.9060, -36.8910

Rectangle

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



131.1260, 35.4339, -72.0245



149.4700, 27.3763, -7.4282



148.2440, -26.7423, 37.4970



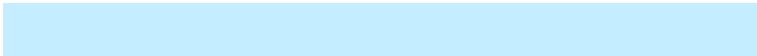
143.7140, -26.4810, 0.2508

Sweetspot

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



131.1260, 35.4339, -72.0245



227.3800, 13.6167, -27.5203



144.4140, -25.3471, -83.6781



110.7790, 8.4900, -16.4692



0.0000, 0.0000, 0.0000



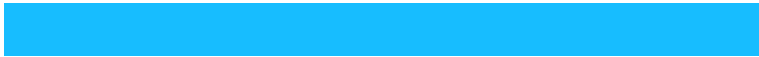
128.0000, 0.0000, 0.0000

Same Dimension

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



131.1260, 35.4339, -72.0245



146.8900, 53.2982, -108.6515



85.9270, 57.7170, -32.3850



97.2490, 2.3422, -4.6034



88.1900, 38.3603, -77.3426



20.1810, 8.7848, -17.6987

Inverse Universe

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



107.5860, 25.3471, 83.6781



111.2920, 38.3100, 126.0319



166.0730, -57.7170, 32.3850



95.7880, 1.5835, 5.4479



63.0860, 27.0726, 90.2556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 131.1260, 35.4339, -72.0245 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 131.1260, 35.4339, -72.0245 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 131.1260, 35.4339, -72.0245 Background



This preview shows how black text looks on a background with the YUV color 131.1260, 35.4339, -72.0245.

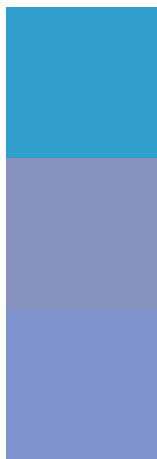


This preview shows how white text looks on a background with the YUV color 131.1260, 35.4339, -72.0245.

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

131.1260, 35.4339, -72.0245

Protanopia

148.0690, 22.1510, -11.4615

Deuteranopia

147.1590, 29.0086, -17.6794



Tritanopia

122.4260, 26.9050, -89.8276

Trichromacy



Original Color

131.1260, 35.4339, -72.0245

Protanomaly

142.1910, 27.0208, -33.4935

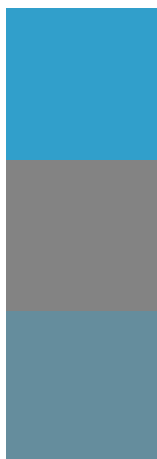
Deuteranomaly

141.6080, 31.2523, -37.3672

Tritanomaly

125.5670, 29.7935, -82.9353

Monochromacy



Original Color

131.1260, 35.4339, -72.0245

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8640, 12.8850, -26.1907

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1260, 35.4339, -72.0245 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, 159, 203)` looks like.

```
.text, #text, p{  
    color:rgb(49, 159, 203)  
}
```

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, 159, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 159, 203) }
```

Border

The CSS property to change the border of an element to YUV 131.1260, 35.4339, -72.0245 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, 159, 203) }
```


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

```
.border{ border-color:rgb(49, 159, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 159, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 159, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 159, 203);  
box-shadow:4px 4px 4px 4px rgb(49, 159,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 131.1260, 35.4339, -72.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 159, 203) }
```

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

```
.background{ background-color: rgb(49, 159,  
203) }
```

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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