

Converting Colors

YUV(131.9930, 27.1185,
-64.8919)

Have a look what the booklet for
YUV(131.9930, 27.1185, -64.8919)
contains.

| | |
|--|----|
| YUV(131.9930, 27.1185, -64.8919) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(131.9930, 27.1185,
-64.8919)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3A9FBB |
| RGB | 58, 159, 187 |
| RGB Percent | 23%, 62%, 73% |
| CMY | 0.7725, 0.3765, 0.2667 |
| CMYK | 0.69, 0.15, 0.00, 0.27 |
| HSL | 193°, 53%, 48% |
| HSV | 193°, 69%, 73% |
| XYZ | 23.1127, 29.2837, 51.4479 |
| YIQ | 131.9930, -69.1840, -12.7040 |

Conversions

Conversions Part 2

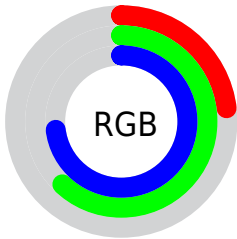
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 58, 115, 187 |
| Decimal | 3841979 |
| CIELab | 61.03, -19.95, -22.96 |
| CIElCh | 61, 30.416, 229.023 |
| Yxy | 29.2837, 0.2226, 0.2820 |
| Android (android.graphics.Color) | 4282032059 (0xFF3A9FBB) |
| YUV | 131.9930, 27.1185, -64.8919 |
| Hunter-Lab | 54.1144, -18.4614, -18.4884 |

Details

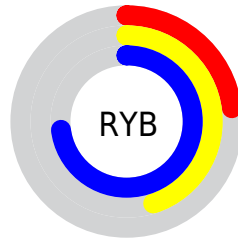
The YUV color **131.9930, 27.1185, -64.8919** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **113.0070, -27.1185, 64.8919**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4990, 26.3760, -60.0736**, and **78.0850, 27.5661, -68.4805** is the 20% darker color. If you saturate the color by 10%, you get **123.9640, 31.0767, -74.5134**, and if you desaturate by 10%, it is **140.0220, 23.1602, -55.2703**.

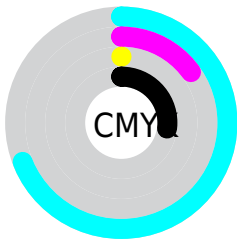
Distribution



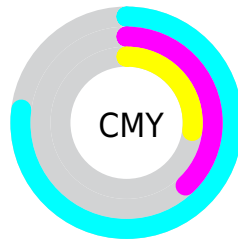
- Red (23%)
- Green (62%)
- Blue (73%)



- Red (23%)
- Yellow (45%)
- Blue (73%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9930, 27.1185, -64.8919 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 131.9930, 27.1185, -64.8919 by changing the saturation by 10% instead.

■ 131.9930, 27.1185,
-64.8919

■ 131.9930, 27.1185,
-64.8919

■ 255.0000, 0.0000,
0.0000

■ 98.7030, 30.2194,
-79.5465

■ 189.4990, 26.3760,
-60.0736

■ 78.0850, 27.5661,
-68.4805

■ 215.9740, 19.2398,
-57.8592

■ 61.0330, 23.1547,
-53.5259

■ 232.2760, 11.2029,
-46.7231

■ 44.7960, 19.3276,
-39.2861

■ 241.2460, 6.7807,
-28.2797

■ 29.2600, 15.6478,
-25.6610

■ 250.2160, 2.3585,
-9.8364

■ 10.3160, 14.1412,
-9.0471

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 131.9930, 27.1185,
-64.8919

■ 131.9930, 27.1185,
-64.8919

■ 123.9640, 31.0767,
-74.5134

■ 140.0220, 23.1602,
-55.2703

■ 116.2340, 34.8876,
-83.5202

■ 147.7520, 19.3493,
-46.2635

■ 108.2050, 38.8459,
-93.1418

■ 155.7810, 15.3910,
-36.6419

■ 107.0200, 39.4301,
-93.8565

■ 163.8100, 11.4327,
-27.0204

■ 171.8390, 7.4744,
-17.3988

■ 179.5690, 3.6635,
-8.3920

■ 187.5980, -0.2948,
1.2296

■ 195.6270, -4.2531,
10.8511

■ 203.9440, -8.3534,
19.3431

Harmonies

Analogous

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



130.5340, 16.4987, -65.3663



131.9930, 27.1185, -64.8919



140.9020, 28.6423, -40.2561

Triad

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



131.9930, 27.1185, -64.8919



151.1540, 3.3751, 37.5759



143.8330, -23.5817, 3.6545

Complementary

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



131.9930, 27.1185, -64.8919



113.0070, -27.1185, 64.8919

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.



146.2100, -25.2465, 24.3718



131.9930, 27.1185, -64.8919



149.5820, -9.1609, 45.0936

Square

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



131.9930, 27.1185, -64.8919



150.9480, 15.8016, 18.4626



148.0900, -19.7644, 39.3861



140.6820, -14.6332, -19.8921

Rectangle

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



131.9930, 27.1185, -64.8919



145.8660, 26.6881, -20.0535



148.0900, -19.7644, 39.3861



144.8340, -25.0612, 11.5466

Sweetspot

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



131.9930, 27.1185, -64.8919



220.2940, 10.7011, -25.6908



136.9150, -25.1011, -69.2085



109.5080, 6.1586, -15.3545



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



131.9930, 27.1185, -64.8919



156.6600, 42.0726, -101.4338



94.4250, 45.6395, -31.9447



90.1350, 1.9054, -4.5034



90.8000, 33.1296, -79.6316



17.6220, 6.5954, -15.4545

Inverse Universe

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



108.0850, 25.1011, 69.2085



119.1110, 39.3853, 107.7737



150.5750, -45.6395, 31.9447



88.4890, 1.7309, 4.8331



61.3780, 30.8726, 84.7375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 131.9930, 27.1185, -64.8919 looks on a white background.

Color Contrast Check

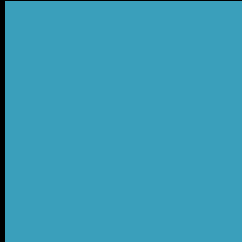
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9930, 27.1185, -64.8919 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 131.9930, 27.1185, -64.8919 Background



This preview shows how black text looks on a background with the YUV color 131.9930, 27.1185, -64.8919.

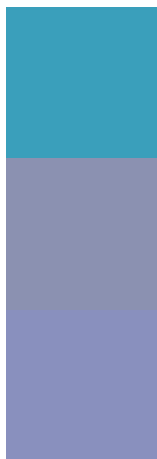


This preview shows how white text looks on a background with the YUV color 131.9930, 27.1185, -64.8919.

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

131.9930, 27.1185, -64.8919

Protanopia

146.8540, 14.8620, -6.8880

Deuteranopia

147.1510, 21.1246, -8.9024



Tritanopia

129.2930, 22.0406, -69.5400

Trichromacy



Original Color

131.9930, 27.1185, -64.8919

Protanomaly

141.5740, 19.4370, -27.6904

Deuteranomaly

141.3010, 23.5156, -29.2050

Tritanomaly

130.1730, 24.0717, -67.6807

Monochromacy



Original Color

131.9930, 27.1185, -64.8919

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0770, 9.8220, -23.7465

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9930, 27.1185, -64.8919 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(58, 159, 187)` looks like.

```
.text, #text, p{  
    color:rgb(58, 159, 187)  
}
```

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(58, 159, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 159, 187) }
```

Border

The CSS property to change the border of an element to YUV 131.9930, 27.1185, -64.8919 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(58, 159, 187) }
```


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

```
.border{ border-color:rgb(58, 159, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 159, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 159, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 159, 187);  
box-shadow:4px 4px 4px 4px rgb(58, 159,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 131.9930, 27.1185, -64.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 159, 187) }
```

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

```
.background{ background-color: rgb(58, 159,  
187) }
```

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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