

Converting Colors

YUV(131.5920, 21.8931,
-68.9252)

Have a look what the booklet for
YUV(131.5920, 21.8931, -68.9252)
contains.

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Color

**YUV(131.5920, 21.8931,
-68.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	35A3B0
RGB	53, 163, 176
RGB Percent	21%, 64%, 69%
CMY	0.7922, 0.3608, 0.3098
CMYK	0.70, 0.07, 0.00, 0.31
HSL	186°, 54%, 45%
HSV	186°, 70%, 69%
XYZ	22.4019, 30.0859, 45.7007
YIQ	131.5920, -69.7330, -19.2770

Conversions

Conversions Part 2

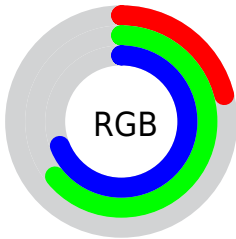
Format	Color
RYB	53, 111, 176
Decimal	3515312
CIELab	61.73, -26.18, -15.73
CIElCh	62, 30.544, 210.997
Yxy	30.0859, 0.2282, 0.3064
Android (android.graphics.Color)	4281705392 (0xFF35A3B0)
YUV	131.5920, 21.8931, -68.9252
Hunter-Lab	54.8506, -23.0862, -11.0042

Details

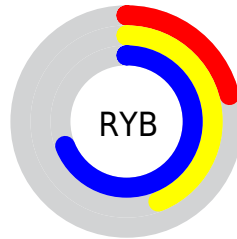
The YUV color **131.5920, 21.8931, -68.9252** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.4080, -21.8931, 68.9252**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0980, 21.1507, -64.1069**, and **79.2930, 22.0406, -69.5400** is the 20% darker color. If you saturate the color by 10%, you get **125.0360, 25.1253, -78.9616**, and if you desaturate by 10%, it is **138.1480, 18.6610, -58.8888**.

Distribution



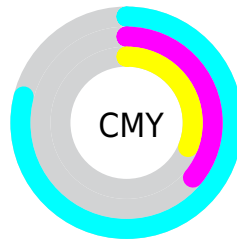
- Red (21%)
- Green (64%)
- Blue (69%)



- Red (21%)
- Yellow (44%)
- Blue (69%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.5920, 21.8931, -68.9252 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 131.5920, 21.8931, -68.9252 by changing the saturation by 10% instead.

■ 131.5920, 21.8931,
-68.9252

■ 131.5920, 21.8931,
-68.9252

■ 255.0000, 0.0000,
0.0000

■ 97.4050, 25.4363,
-85.4242

■ 189.0980, 21.1507,
-64.1069

■ 79.2930, 22.0406,
-69.5400

■ 217.7130, 18.3825,
-62.8923

■ 61.7680, 18.3554,
-54.1705

■ 231.0800, 11.7926,
-49.1822

■ 44.9440, 14.8176,
-39.4159

■ 240.0500, 7.3704,
-30.7388

■ 29.4080, 11.1379,
-25.7908

■ 249.0200, 2.9481,
-12.2955

■ 11.1650, 9.7787,
-9.7917

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 131.5920, 21.8931,
-68.9252

■ 131.5920, 21.8931,
-68.9252

■ 125.0360, 25.1253,
-78.9616

■ 138.1480, 18.6610,
-58.8888

■ 118.7790, 28.2100,
-88.3832

■ 144.4050, 15.5763,
-49.4672

■ 112.2230, 31.4421,
-98.4196

■ 150.9610, 12.3442,
-39.4308

■ 156.6310, 9.5489,
-29.4944

■ 163.1870, 6.3168,
-19.4580

■ 169.7430, 3.0847,
-9.4216

■ 176.0000, 0.0000,
0.0000

■ 182.5560, -3.2321,
10.0364

■ 188.8130, -6.3168,
19.4580

Harmonies

Analogous

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



135.3800, 6.7147, -53.8303



131.5920, 21.8931, -68.9252



137.2050, 28.9859, -57.1848

Triad

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



131.5920, 21.8931, -68.9252



153.1510, 11.2646, 27.0546



147.6390, -25.9510, 16.9796

Complementary

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



131.5920, 21.8931, -68.9252



97.4080, -21.8931, 68.9252

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.



149.2590, -22.8057, 34.8529



131.5920, 21.8931, -68.9252



152.5090, -1.7299, 41.6496

Square

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



131.5920, 21.8931, -68.9252



151.6300, 21.3814, 2.0785



151.0180, -13.8129, 43.8342



144.4620, -20.9338, -5.6672

Rectangle

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



131.5920, 21.8931, -68.9252



143.0270, 29.0737, -38.6117



151.0180, -13.8129, 43.8342



148.3840, -25.8253, 23.3422

Sweetspot

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



131.5920, 21.8931, -68.9252



211.8270, 8.9593, -27.0353



126.5690, -30.3535, -64.5200



104.5680, 5.1430, -16.2841



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



131.5920, 21.8931, -68.9252



159.9660, 34.5268, -107.8412



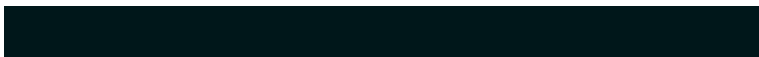
95.7850, 39.5460, -37.5224



85.7220, 1.6161, -5.0182



97.8610, 27.1835, -85.8241



16.4650, 4.7008, -14.4398

Inverse Universe

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



102.3170, 29.9167, 64.6200



114.3150, 46.6797, 101.4557



133.2150, -39.5460, 37.5224



83.6030, 2.1677, 4.7332



61.3650, 37.2881, 80.3639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 131.5920, 21.8931, -68.9252 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 131.5920, 21.8931, -68.9252 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

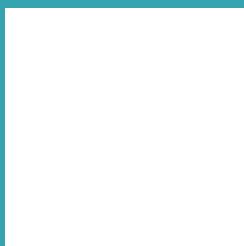
Any Text WCAG AAA ✓ Pass

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

YUV 131.5920, 21.8931, -68.9252 Background



This preview shows how black text looks on a background with the YUV color 131.5920, 21.8931, -68.9252.



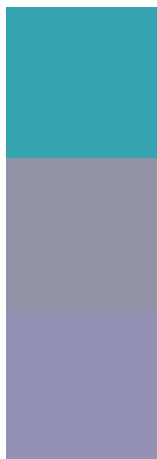
This preview shows how white text looks on a background with the YUV color 131.5920, 21.8931, -68.9252.

-68.9252.

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

131.5920, 21.8931, -68.9252

Protanopia

148.8670, 8.4466, -2.5144

Deuteranopia

149.5880, 14.9931, -2.2697



Tritanopia

131.5920, 21.8931, -68.9252

Trichromacy



Original Color

131.5920, 21.8931, -68.9252

Protanomaly

142.6790, 13.4693, -26.9055

Deuteranomaly

143.4170, 17.5424, -26.6757

Tritanomaly

131.5920, 21.8931, -68.9252

Monochromacy



Original Color

131.5920, 21.8931, -68.9252

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.6100, 8.0803, -25.0910

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.5920, 21.8931, -68.9252 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(53, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(53, 163, 176)  
}
```

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(53, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 163, 176) }
```

Border

The CSS property to change the border of an element to YUV 131.5920, 21.8931, -68.9252 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(53, 163, 176) }
```


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

```
.border{ border-color:rgb(53, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(53, 163,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 131.5920, 21.8931, -68.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 163, 176) }
```

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

```
.background{ background-color: rgb(53, 163,  
176) }
```

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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