

Converting Colors

YUV(129.5680, 31.7650,
-61.8881)

Have a look what the booklet for
YUV(129.5680, 31.7650, -61.8881)
contains.

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Color

**YUV(129.5680, 31.7650,
-61.8881)**

Conversions

Conversions Part 1

Format	Color
Hex	3B99C2
RGB	59, 153, 194
RGB Percent	23%, 60%, 76%
CMY	0.7686, 0.4000, 0.2392
CMYK	0.70, 0.21, 0.00, 0.24
HSL	198°, 53%, 50%
HSV	198°, 70%, 76%
XYZ	22.9325, 27.6073, 55.1590
YIQ	129.5680, -69.1850, -7.1770

Conversions

Conversions Part 2

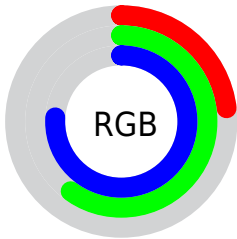
Format	Color
R_{YB}	59, 114, 194
Decimal	3905986
CIE _{Lab}	59.53, -14.30, -29.21
CIE _{LCh}	60, 32.518, 243.916
Yxy	27.6073, 0.2170, 0.2612
Android (android.graphics.Color)	4282096066 (0xFF3B99C2)
YUV	129.5680, 31.7650, -61.8881
Hunter-Lab	52.5427, -14.0426, -25.4625

Details

The YUV color **129.5680, 31.7650, -61.8881** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **123.4320, -31.7650, 61.8881**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6010, 31.7487, -56.6551**, and **75.8340, 31.6338, -66.5064** is the 20% darker color. If you saturate the color by 10%, you get **120.3650, 36.3021, -70.4801**, and if you desaturate by 10%, it is **138.7710, 27.2279, -53.2962**.

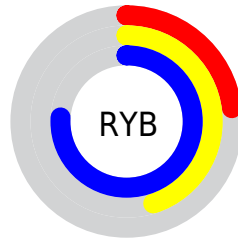
Distribution



Red (23%)

Green (60%)

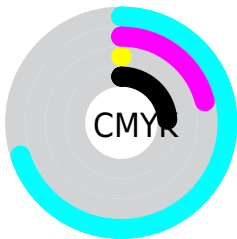
Blue (76%)



Red (23%)

Yellow (45%)

Blue (76%)

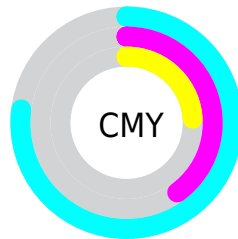


Cyan (70%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (77%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5680, 31.7650, -61.8881 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 129.5680, 31.7650, -61.8881 by changing the saturation by 10% instead.

■ 129.5680, 31.7650,
-61.8881

■ 129.5680, 31.7650,
-61.8881

■ 255.0000, 0.0000,
0.0000

■ 96.5770, 34.7185,
-75.9280

■ 186.6010, 31.7487,
-56.6551

■ 75.8340, 31.6338,
-66.5064

■ 212.7510, 20.8288,
-54.1556

■ 58.8960, 27.6593,
-51.6518

■ 232.8740, 10.9081,
-45.4935

■ 42.5450, 23.3953,
-37.3120

■ 241.8440, 6.4859,
-27.0502

■ 27.4820, 18.9894,
-24.1017

■ 250.8140, 2.0637,
-8.6069

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 129.5680, 31.7650,
-61.8881

■ 129.5680, 31.7650,
-61.8881

■ 120.3650, 36.3021,
-70.4801

■ 138.7710, 27.2279,
-53.2962

■ 110.8630, 40.9865,
-79.6869

■ 148.2730, 22.5434,
-44.0894

■ 101.6600, 45.5236,
-88.2788

■ 157.4760, 18.0063,
-35.4975

■ 101.3610, 45.6710,
-88.8936

■ 166.9780, 13.3218,
-26.2907

■ 175.5940, 9.0742,
-17.1839

■ 184.7970, 4.5371,
-8.5920

■ 194.2990, -0.1474,
0.6148

■ 203.5020, -4.6845,
9.2067

■ 213.0040, -9.3690,
18.4135

Harmonies

Analogous

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



120.0570, 26.5939, -83.3650



129.5680, 31.7650, -61.8881



140.2070, 29.4779, -28.2455

Triad

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



129.5680, 31.7650, -61.8881



146.3030, -2.6144, 45.3383



137.7390, -21.0703, -8.5411

Complementary

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



129.5680, 31.7650, -61.8881



123.4320, -31.7650, 61.8881

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.



141.2860, -27.2560, 15.5352



129.5680, 31.7650, -61.8881



144.5730, -15.5655, 45.9785

Square

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



129.5680, 31.7650, -61.8881



147.3580, 10.6695, 31.2580



143.3900, -24.8423, 34.7380



133.6030, -8.1853, -34.7318

Rectangle

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



129.5680, 31.7650, -61.8881



144.6120, 25.3343, -5.7987



143.3900, -24.8423, 34.7380



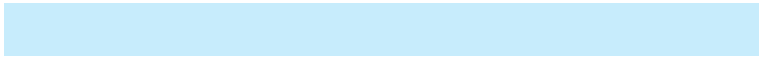
139.2840, -24.2970, -0.2491

Sweetspot

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



129.5680, 31.7650, -61.8881



226.7610, 12.4428, -24.3464



142.9190, -21.1591, -73.5970



112.5620, 7.6109, -14.5249



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.



129.5680, 31.7650, -61.8881



151.0440, 49.7713, -97.3856



90.2390, 51.1542, -27.3966



92.2490, 2.3422, -4.6034



84.0980, 37.9127, -73.7539



17.2630, 7.7583, -15.1397

Inverse Universe

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



110.0810, 21.1591, 73.5970



120.2600, 33.3958, 115.5360



162.7610, -51.1542, 27.3966



90.7880, 1.5835, 5.4479



60.9070, 25.1888, 87.7816



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 129.5680, 31.7650, -61.8881 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 129.5680, 31.7650, -61.8881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

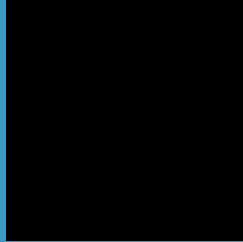
Any Text WCAG AA ✓ Pass

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 129.5680, 31.7650, -61.8881 Background



This preview shows how black text looks on a background with the YUV color 129.5680, 31.7650, -61.8881.

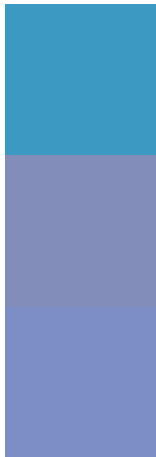


This preview shows how white text looks on a background with the YUV color 129.5680, 31.7650, -61.8881.

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

129.5680, 31.7650, -61.8881

Protanopia

143.0260, 20.6932, -10.5468

Deuteranopia

142.6000, 26.8192, -15.4352



Tritanopia

124.3960, 22.4828, -71.3843

Trichromacy



Original Color

129.5680, 31.7650, -61.8881

Protanomaly

137.9420, 24.6786, -28.8901

Deuteranomaly

137.6580, 28.7626, -32.1491

Tritanomaly

126.6290, 25.8189, -68.0806

Monochromacy



Original Color

129.5680, 31.7650, -61.8881

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.5440, 11.5638, -22.4021

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5680, 31.7650, -61.8881 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(59, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(59, 153, 194)  
}
```

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(59, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 153, 194) }
```

Border

The CSS property to change the border of an element to YUV 129.5680, 31.7650, -61.8881 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(59, 153, 194) }
```


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

```
.border{ border-color:rgb(59, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(59, 153,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 129.5680, 31.7650, -61.8881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 153, 194) }
```

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

```
.background{ background-color: rgb(59, 153,  
194) }
```

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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