

Converting Colors

YUV(131.2760, 27.9649,
-56.3701)

Have a look what the booklet for
YUV(131.2760, 27.9649, -56.3701)
contains.

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Color

**YUV(131.2760, 27.9649,
-56.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	4399BC
RGB	67, 153, 188
RGB Percent	26%, 60%, 74%
CMY	0.7373, 0.4000, 0.2627
CMYK	0.64, 0.19, 0.00, 0.26
HSL	197°, 47%, 50%
HSV	197°, 64%, 74%
XYZ	22.7831, 27.6066, 51.7048
YIQ	131.2760, -62.4910, -7.3470

Conversions

Conversions Part 2

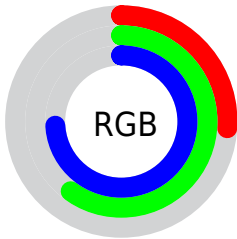
Format	Color
R _Y B	67, 117, 188
Decimal	4430268
CIE Lab	59.53, -14.97, -25.81
CIE LCh	60, 29.836, 239.880
Yxy	27.6066, 0.2232, 0.2704
Android (android.graphics.Color)	4282620348 (0xFF4399BC)
YUV	131.2760, 27.9649, -56.3701
Hunter-Lab	52.5420, -14.5479, -21.5659

Details

The YUV color **131.2760, 27.9649, -56.3701** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **123.7240, -27.9649, 56.3701**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2980, 27.9541, -52.8813**, and **75.2640, 29.4498, -66.0065** is the 20% darker color. If you saturate the color by 10%, you get **122.6600, 32.2126, -65.4768**, and if you desaturate by 10%, it is **139.8920, 23.7172, -47.2633**.

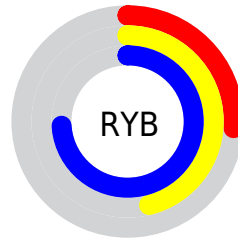
Distribution



Red (26%)

Green (60%)

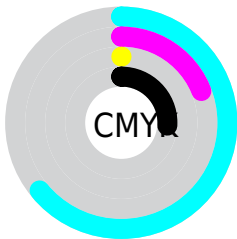
Blue (74%)



Red (26%)

Yellow (46%)

Blue (74%)

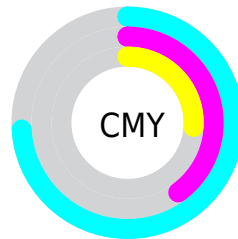


Cyan (64%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2760, 27.9649, -56.3701 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 131.2760, 27.9649, -56.3701 by changing the saturation by 10% instead.

■ 131.2760, 27.9649,
-56.3701

■ 131.2760, 27.9649,
-56.3701

■ 255.0000, 0.0000,
0.0000

■ 101.8730, 29.1496,
-63.0326

■ 187.2980, 27.9541,
-52.8813

■ 75.2640, 29.4498,
-66.0065

■ 214.2460, 20.0917,
-51.0817

■ 58.2120, 25.0385,
-51.0519

■ 234.0700, 10.3185,
-43.0344

■ 41.9750, 21.2113,
-36.8121

■ 242.7410, 6.0437,
-25.2059

■ 26.9120, 16.8054,
-23.6018

■ 251.7110, 1.6215,
-6.7625

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 131.2760, 27.9649,
-56.3701

■ 131.2760, 27.9649,
-56.3701

■ 122.6600, 32.2126,
-65.4768

■ 139.8920, 23.7172,
-47.2633

■ 113.4570, 36.7497,
-74.0688

■ 149.0950, 19.1802,
-38.6713

■ 105.1400, 40.8500,
-82.5608

■ 157.4120, 15.0799,
-30.1793

■ 100.0900, 43.3396,
-87.7789

■ 166.6150, 10.5428,
-21.5874

■ 175.2310, 6.2951,
-12.4806

■ 184.4340, 1.7580,
-3.8886

■ 193.0500, -2.4897,
5.2181

■ 201.9540, -6.8793,
13.1953

■ 210.5700,
-11.1270, 22.3021

Harmonies

Analogous

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



126.3750, 21.0141, -66.9809



131.2760, 27.9649, -56.3701



139.9250, 27.1520, -28.8752

Triad

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



131.2760, 27.9649, -56.3701



146.3240, -1.1457, 40.9349



139.1740, -20.7918, -4.5376

Complementary

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



131.2760, 27.9649, -56.3701



123.7240, -27.9649, 56.3701

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.



141.8670, -25.0774, 16.7796



131.2760, 27.9649, -56.3701



144.9470, -12.7919, 43.0195

Square

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



131.2760, 27.9649, -56.3701



147.1400, 11.2700, 25.3102



144.0740, -22.2215, 34.1381



135.0060, -9.3700, -28.0693

Rectangle

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



131.2760, 27.9649, -56.3701



144.2480, 24.0347, -8.9875



144.0740, -22.2215, 34.1381



139.6480, -22.9975, 2.9397

Sweetspot

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



131.2760, 27.9649, -56.3701



222.7290, 10.9796, -21.6873



141.9030, -20.1652, -65.6899



108.9320, 6.4425, -13.0954



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.



131.2760, 27.9649, -56.3701



156.2040, 43.7764, -87.8789



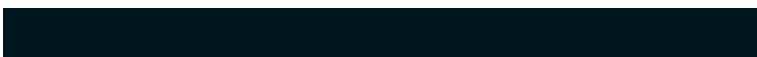
96.0560, 45.3284, -25.4821



90.1350, 1.9054, -4.5034



83.7560, 36.6023, -73.4540



16.4480, 7.1741, -14.4249

Inverse Universe

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



112.9830, 19.7284, 65.7899



127.7870, 30.6710, 102.7958



158.9440, -45.3284, 25.4821



88.4890, 1.7309, 4.8331



60.0100, 25.6311, 85.9372



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 131.2760, 27.9649, -56.3701 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 131.2760, 27.9649, -56.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

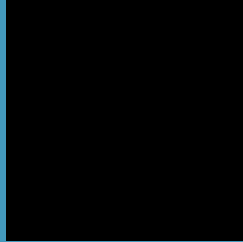
Any Text WCAG AA ✓ Pass

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 131.2760, 27.9649, -56.3701 Background



This preview shows how black text looks on a background with the YUV color 131.2760, 27.9649, -56.3701.

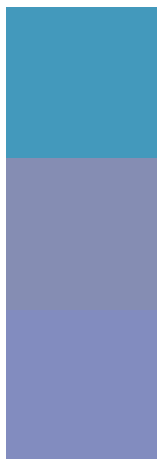


This preview shows how white text looks on a background with the YUV color 131.2760, 27.9649, -56.3701.

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

131.2760, 27.9649, -56.3701

Protanopia

142.9400, 17.7776, -8.7174

Deuteranopia

142.8240, 23.7508, -11.2466



Tritanopia

127.8810, 20.2717, -62.1626

Trichromacy



Original Color

131.2760, 27.9649, -56.3701

Protanomaly

138.4540, 21.4682, -25.8312

Deuteranomaly

138.7680, 25.2574, -27.8605

Tritanomaly

129.2880, 23.0290, -59.8886

Monochromacy



Original Color

131.2760, 27.9649, -56.3701

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.2130, 10.2480, -20.3578

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2760, 27.9649, -56.3701 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(67, 153, 188)` looks like.

```
.text, #text, p{  
    color:rgb(67, 153, 188)  
}
```

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(67, 153, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 153, 188) }
```

Border

The CSS property to change the border of an element to YUV 131.2760, 27.9649, -56.3701 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(67, 153, 188) }
```


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

```
.border{ border-color:rgb(67, 153, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 153, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 153, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 153, 188); box-shadow:4px 4px 4px 4px rgb(67, 153, 188) }
```

Background

The CSS property to change the background color of an element to YUV 131.2760, 27.9649, -56.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 153, 188) }
```

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

```
.background{ background-color: rgb(67, 153,  
188) }
```

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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