

Converting Colors

YUV(140.4070, 25.9283,
-56.4849)

Have a look what the booklet for
YUV(140.4070, 25.9283, -56.4849)
contains.

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Color

**YUV(140.4070, 25.9283,
-56.4849)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA3C1
RGB	76, 163, 193
RGB Percent	30%, 64%, 76%
CMY	0.7020, 0.3608, 0.2431
CMYK	0.61, 0.16, 0.00, 0.24
HSL	195°, 49%, 53%
HSV	195°, 61%, 76%
XYZ	25.7033, 31.5811, 55.1931
YIQ	140.4070, -61.4820, -9.1140

Conversions

Conversions Part 2

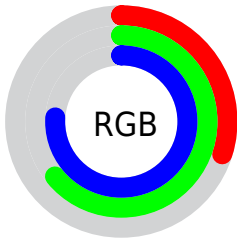
Format	Color
RYB	76, 126, 193
Decimal	5022657
CIELab	63.00, -17.16, -23.27
CIElCh	63, 28.912, 233.591
Yxy	31.5811, 0.2285, 0.2808
Android (android.graphics.Color)	4283212737 (0xFF4CA3C1)
YUV	140.4070, 25.9283, -56.4849
Hunter-Lab	56.1971, -16.7029, -18.8928

Details

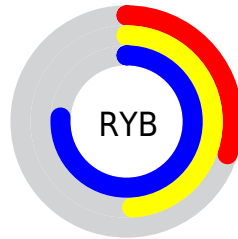
The YUV color **140.4070, 25.9283, -56.4849** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **128.5930, -25.9283, 56.4849**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8310, 26.2123, -54.2258**, and **81.0030, 28.5925, -71.0396** is the 20% darker color. If you saturate the color by 10%, you get **131.7910, 30.1760, -65.5917**, and if you desaturate by 10%, it is **149.0230, 21.6807, -47.3782**.

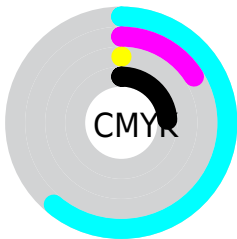
Distribution



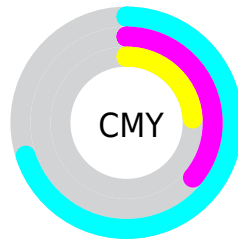
- Red (30%)
- Green (64%)
- Blue (76%)



- Red (30%)
- Yellow (49%)
- Blue (76%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4070, 25.9283, -56.4849 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 140.4070, 25.9283, -56.4849 by changing the saturation by 10% instead.

■ 140.4070, 25.9283,
-56.4849

■ 140.4070, 25.9283,
-56.4849

■ 255.0000, 0.0000,
0.0000

■ 111.9010, 26.6708,
-61.3032

■ 196.8310, 26.2123,
-54.2258

■ 81.0030, 28.5925,
-71.0396

■ 223.0950, 15.7292,
-51.8263

■ 64.0650, 24.6180,
-56.1850

■ 236.4620, 9.1392,
-38.1162

■ 47.1270, 20.6434,
-41.3304

■ 245.4320, 4.7170,
-19.6729

■ 31.5910, 16.9636,
-27.7053

■ 254.4020, 0.2948,
-1.2296

■ 16.6420, 12.9945,
-14.5950

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 140.4070, 25.9283,
-56.4849

■ 140.4070, 25.9283,
-56.4849

■ 131.7910, 30.1760,
-65.5917

■ 149.0230, 21.6807,
-47.3782

■ 122.8760, 34.5711,
-75.3133

■ 157.9380, 17.2856,
-37.6566

■ 114.2600, 38.8188,
-84.4200

■ 166.5540, 13.0379,
-28.5499

■ 106.5300, 42.6297,
-93.4268

■ 175.1700, 8.7902,
-19.4431

■ 183.7860, 4.5425,
-10.3363

■ 192.7010, 0.1474,
-0.6148

■ 201.3170, -4.1003,
8.4920

■ 209.9330, -8.3480,
17.5988

■ 218.8480,
-12.7431, 27.3203

Harmonies

Analogous

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



137.3820, 17.0667, -60.8480



140.4070, 25.9283, -56.4849



148.1910, 27.0208, -33.4935

Triad

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



140.4070, 25.9283, -56.4849



156.2850, 1.3385, 37.4611



148.6800, -21.5342, 0.2806

Complementary

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



140.4070, 25.9283, -56.4849



128.5930, -25.9283, 56.4849

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.



151.3020, -24.7989, 20.7831



140.4070, 25.9283, -56.4849



154.8160, -10.7553, 43.1344

Square

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



140.4070, 25.9283, -56.4849



156.2750, 13.1754, 20.8068



153.2530, -20.3377, 36.6121



145.3550, -12.0070, -22.2363

Rectangle

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



140.4070, 25.9283, -56.4849



152.3290, 24.4878, -14.3205



153.2530, -20.3377, 36.6121



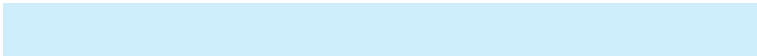
150.1540, -23.7399, 7.7579

Sweetspot

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



140.4070, 25.9283, -56.4849



229.5010, 10.1060, -21.4874



147.9850, -21.1916, -63.1308



112.5190, 6.1531, -13.6102



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



140.4070, 25.9283, -56.4849



167.6940, 40.5769, -88.3086



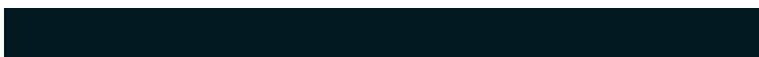
106.3610, 42.7130, -26.6266



92.2490, 2.3422, -4.6034



88.2070, 35.8869, -77.3575



18.4370, 7.1796, -16.1692

Inverse Universe

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



120.9010, 20.7548, 63.2308



137.2210, 32.4290, 98.9072



162.6390, -42.7130, 26.6266



90.7880, 1.5835, 5.4479



61.7050, 28.2464, 87.0817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 140.4070, 25.9283, -56.4849 looks on a white background.

Color Contrast Check

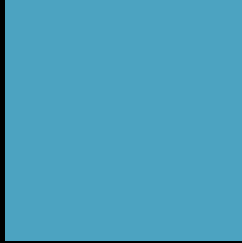
Large Text (above 18pt) WCAG AA × Fail

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 140.4070, 25.9283, -56.4849 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

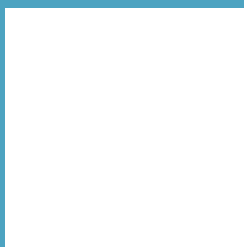
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.4070, 25.9283, -56.4849

Background



This preview shows how black text looks on a background with the YUV color 140.4070, 25.9283, -56.4849.

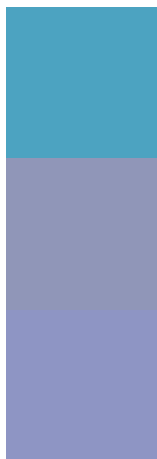


This preview shows how white text looks on a background with the YUV color 140.4070, 25.9283, -56.4849.

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

140.4070, 25.9283, -56.4849

Protanopia

152.0820, 15.7356, -7.0879

Deuteranopia

152.2650, 21.5614, -9.0024



Tritanopia

138.1910, 20.1188, -59.8035

Trichromacy



Original Color

140.4070, 25.9283, -56.4849

Protanomaly

147.8840, 19.2842, -25.3313

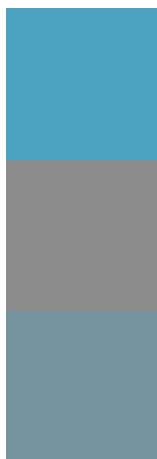
Deuteranomaly

147.9100, 23.2154, -26.2311

Tritanomaly

138.7720, 22.2974, -58.5590

Monochromacy



Original Color

140.4070, 25.9283, -56.4849

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9850, 9.3744, -20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4070, 25.9283, -56.4849 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(76, 163, 193)` looks like.

```
.text, #text, p{  
    color:rgb(76, 163, 193)  
}
```

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(76, 163, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 163, 193) }
```

Border

The CSS property to change the border of an element to YUV 140.4070, 25.9283, -56.4849 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(76, 163, 193) }
```


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

```
.border{ border-color:rgb(76, 163, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 163, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 163, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 163, 193);  
box-shadow:4px 4px 4px 4px rgb(76, 163,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 140.4070, 25.9283, -56.4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 163, 193) }
```

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

```
.background{ background-color: rgb(76, 163,  
193) }
```

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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