

Converting Colors

YUV(139.8830, 30.6237,
-69.1804)

Have a look what the booklet for
YUV(139.8830, 30.6237, -69.1804)
contains.

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Color

**YUV(139.8830, 30.6237,
-69.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	3DA8CA
RGB	61, 168, 202
RGB Percent	24%, 66%, 79%
CMY	0.7608, 0.3412, 0.2078
CMYK	0.70, 0.17, 0.00, 0.21
HSL	194°, 57%, 52%
HSV	194°, 70%, 79%
XYZ	26.5878, 33.2616, 60.8959
YIQ	139.8830, -74.6860, -12.1100

Conversions

Conversions Part 2

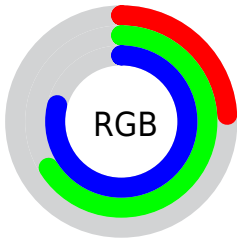
Format	Color
RYB	61, 122, 202
Decimal	4040906
CIELab	64.37, -19.43, -26.21
CIElCh	64, 32.624, 233.448
Yxy	33.2616, 0.2202, 0.2755
Android (android.graphics.Color)	4282230986 (0xFF3DA8CA)
YUV	139.8830, 30.6237, -69.1804
Hunter-Lab	57.6729, -18.6373, -22.2324

Details

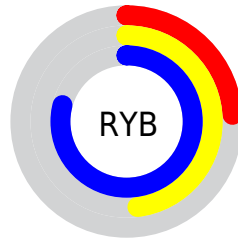
The YUV color **139.8830, 30.6237, -69.1804** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **123.1170, -30.6237, 69.1804**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3460, 28.4234, -63.4474**, and **84.9640, 31.0767, -74.5134** is the 20% darker color. If you saturate the color by 10%, you get **130.9680, 35.0188, -78.9019**, and if you desaturate by 10%, it is **148.7980, 26.2286, -59.4588**.

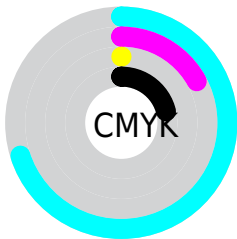
Distribution



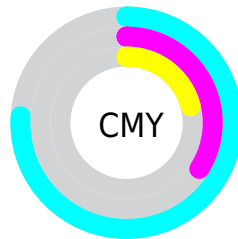
- Red (24%)
- Green (66%)
- Blue (79%)



- Red (24%)
- Yellow (48%)
- Blue (79%)



- Cyan (70%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (76%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.8830, 30.6237, -69.1804 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 139.8830, 30.6237, -69.1804 by changing the saturation by 10% instead.

■ 139.8830, 30.6237,
-69.1804

■ 139.8830, 30.6237,
-69.1804

■ 255.0000, 0.0000,
0.0000

■ 105.4080, 34.3089,
-84.5498

■ 197.3460, 28.4234,
-63.4474

■ 84.9640, 31.0767,
-74.5134

■ 223.3390, 15.6089,
-59.9333

■ 67.3250, 26.9548,
-59.0440

■ 234.0700, 10.3185,
-43.0344

■ 50.3870, 22.9802,
-44.1894

■ 243.0400, 5.8963,
-24.5911

■ 34.7370, 18.8637,
-30.4643

■ 252.0100, 1.4741,
-6.1478

■ 20.9620, 14.3157,
-18.3837

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 139.8830, 30.6237,
-69.1804

■ 139.8830, 30.6237,
-69.1804

■ 130.9680, 35.0188,
-78.9019

■ 148.7980, 26.2286,
-59.4588

■ 122.0530, 39.4139,
-88.6235

■ 157.7130, 21.8335,
-49.7373

■ 112.8390, 43.9564,
-98.9598

■ 166.9270, 17.2910,
-39.4010

■ 175.2550, 13.1853,
-29.1646

■ 184.1700, 8.7902,
-19.4431

■ 193.0850, 4.3951,
-9.7215

■ 202.0000, 0.0000,
0.0000

■ 211.2140, -4.5425,
10.3363

■ 220.1290, -8.9376,
20.0579

Harmonies

Analogous

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



136.5050, 20.4570, -74.9879



139.8830, 30.6237, -69.1804



150.1840, 30.9683, -39.6264

Triad

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



139.8830, 30.6237, -69.1804



159.5460, 2.1958, 42.4942



151.5830, -24.4444, 0.3657

Complementary

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



139.8830, 30.6237, -69.1804



123.1170, -30.6237, 69.1804

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.



154.8140, -28.0093, 23.8421



139.8830, 30.6237, -69.1804



158.2080, -11.9345, 48.0526

Square

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



139.8830, 30.6237, -69.1804



160.4540, 15.0592, 23.2808



156.5910, -22.9694, 40.7007



147.8770, -13.7434, -25.3251

Rectangle

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



139.8830, 30.6237, -69.1804



155.2300, 27.9876, -16.8647



156.5910, -22.9694, 40.7007



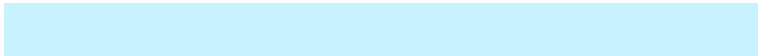
152.7690, -26.5081, 8.9726

Sweetspot

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



139.8830, 30.6237, -69.1804



231.2230, 11.7221, -26.5056



147.5290, -26.3898, -75.8859



113.7360, 7.0322, -15.5545



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.



139.8830, 30.6237, -69.1804



160.4900, 46.5934, -104.7927



99.3800, 50.5917, -33.6593



97.8360, 2.0529, -5.1182



92.8860, 36.0452, -81.4610



21.3550, 8.2060, -18.7283

Inverse Universe

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



115.3570, 25.9530, 75.9859



123.4540, 39.2162, 115.3658



163.6200, -50.5917, 33.6593



95.9020, 2.0203, 5.3479



63.9980, 30.5670, 89.4558



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 139.8830, 30.6237, -69.1804 looks on a white background.

Color Contrast Check

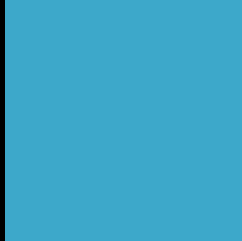
Large Text (above 18pt) WCAG AA × Fail

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 139.8830, 30.6237, -69.1804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

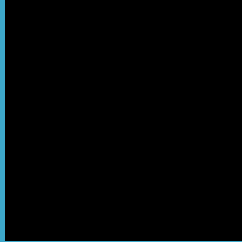
Any Text WCAG AA ✓ Pass

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 139.8830, 30.6237, -69.1804 Background



This preview shows how black text looks on a background with the YUV color 139.8830, 30.6237, -69.1804.



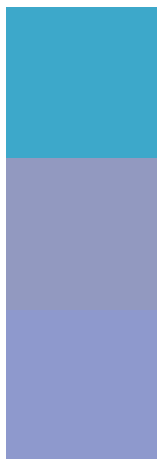
This preview shows how white text looks on a background with the YUV color 139.8830, 30.6237, -69.1804.

-69.1804.

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

139.8830, 30.6237, -69.1804

Protanopia

155.3530, 18.0670, -8.2026

Deuteranopia

155.6390, 24.3350, -11.9614



Tritanopia

136.4170, 23.9514, -75.7877

Trichromacy



Original Color

139.8830, 30.6237, -69.1804

Protanomaly

149.4750, 22.9368, -30.2346

Deuteranomaly

149.7890, 26.7260, -32.2640

Tritanomaly

137.7100, 26.2720, -73.4137

Monochromacy



Original Color

139.8830, 30.6237, -69.1804

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8210, 11.4272, -25.2760

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.8830, 30.6237, -69.1804 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(61, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(61, 168, 202)  
}
```

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(61, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 168, 202) }
```

Border

The CSS property to change the border of an element to YUV 139.8830, 30.6237, -69.1804 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(61, 168, 202) }
```


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

```
.border{ border-color:rgb(61, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(61, 168,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 139.8830, 30.6237, -69.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 168, 202) }
```

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

```
.background{ background-color: rgb(61, 168,  
202) }
```

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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