

Converting Colors

YUV(139.7340, 36.6131,
-76.9427)

Have a look what the booklet for
YUV(139.7340, 36.6131, -76.9427)
contains.

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Color

**YUV(139.7340, 36.6131,
-76.9427)**

Conversions

Conversions Part 1

Format	Color
Hex	34AAD6
RGB	52, 170, 214
RGB Percent	20%, 67%, 84%
CMY	0.7961, 0.3333, 0.1608
CMYK	0.76, 0.21, 0.00, 0.16
HSL	196°, 66%, 52%
HSV	196°, 76%, 84%
XYZ	27.9285, 34.3346, 68.7736
YIQ	139.7340, -84.4520, -11.3320

Conversions

Conversions Part 2

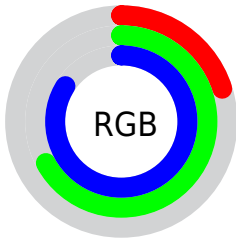
Format	Color
RYB	52, 120, 214
Decimal	3451606
CIELab	65.23, -17.71, -31.55
CIELCh	65, 36.182, 240.698
Yxy	34.3346, 0.2131, 0.2620
Android (android.graphics.Color)	4281641686 (0xFF34AAD6)
YUV	139.7340, 36.6131, -76.9427
Hunter-Lab	58.5957, -17.4639, -28.5715

Details

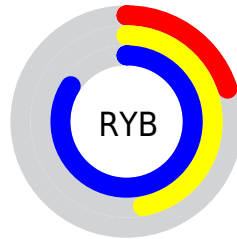
The YUV color **139.7340, 36.6131, -76.9427** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **126.2660, -36.6131, 76.9427**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3240, 28.4343, -66.9361**, and **87.3920, 35.3027, -76.6428** is the 20% darker color. If you saturate the color by 10%, you get **129.9330, 41.4450, -86.7642**, and if you desaturate by 10%, it is **149.5350, 31.7812, -67.1212**.

Distribution



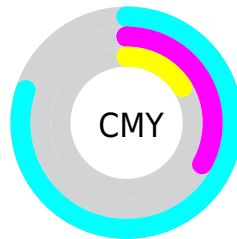
- Red (20%)
- Green (67%)
- Blue (84%)



- Red (20%)
- Yellow (47%)
- Blue (84%)



- Cyan (76%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (80%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.7340, 36.6131, -76.9427 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 139.7340, 36.6131, -76.9427 by changing the saturation by 10% instead.

■ 139.7340, 36.6131,
-76.9427

■ 139.7340, 36.6131,
-76.9427

■ 255.0000, 0.0000,
0.0000

■ 105.1450, 39.8615,
-92.2122

■ 197.3240, 28.4343,
-66.9361

■ 87.3920, 35.3027,
-76.6428

■ 223.6160, 15.4723,
-62.8072

■ 69.7530, 31.1808,
-61.1734

■ 233.4720, 10.6133,
-44.2639

■ 52.7010, 26.7694,
-46.2188

■ 242.4420, 6.1911,
-25.8206

■ 37.0510, 22.6529,
-32.4937

■ 251.7110, 1.6215,
-6.7625

■ 23.1620, 17.6681,
-20.3131

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 139.7340, 36.6131,
-76.9427

■ 139.7340, 36.6131,
-76.9427

■ 129.9330, 41.4450,
-86.7642

■ 149.5350, 31.7812,
-67.1212

■ 119.8330, 46.4243,
-97.2005

■ 159.6350, 26.8019,
-56.6849

■ 115.9680, 48.3298,
-101.7039

■ 168.8490, 22.2594,
-46.3486

■ 178.9490, 17.2801,
-35.9123

■ 188.7500, 12.4482,
-26.0907

■ 198.5510, 7.6164,
-16.2692

■ 208.6510, 2.6371,
-5.8329

■ 217.8650, -1.9054,
4.5034

■ 227.9650, -6.8847,
14.9397

Harmonies

Analogous

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



126.1790, 31.4638, -105.3970



139.7340, 36.6131, -76.9427



153.4170, 34.3044, -36.3227

Triad

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



139.7340, 36.6131, -76.9427



161.6780, -1.3203, 50.2714



152.3110, -25.2963, -6.4117

Complementary

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



139.7340, 36.6131, -76.9427



126.2660, -36.6131, 76.9427

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.



156.2820, -31.1980, 19.9237



139.7340, 36.6131, -76.9427



160.0900, -16.3134, 52.5411

Square

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



139.7340, 36.6131, -76.9427



163.1670, 13.7217, 32.3025



158.1520, -27.1899, 41.0857



147.6090, -10.6532, -36.4911

Rectangle

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



139.7340, 36.6131, -76.9427



159.3170, 29.4237, -10.8020



158.1520, -27.1899, 41.0857



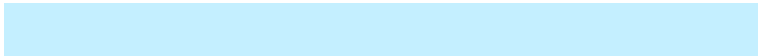
153.6820, -27.9442, 2.9099

Sweetspot

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



139.7340, 36.6131, -76.9427



227.9670, 13.3273, -28.0351



151.9960, -28.0990, -87.6965



111.3660, 8.2006, -16.9840



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.



139.7340, 36.6131, -76.9427



148.6510, 52.4301, -110.1959



92.7740, 59.7644, -35.7588



101.9500, 2.4897, -5.2181



92.2820, 38.8080, -80.9313



23.6860, 9.5218, -20.7726

Inverse Universe

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



113.8900, 27.6622, 87.7965



111.6340, 39.6204, 125.7320



173.2260, -59.7644, 35.7588



100.2010, 1.8729, 5.9627



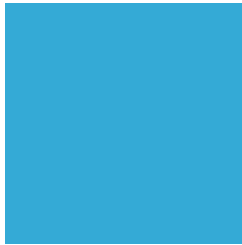
65.2650, 28.9564, 92.7296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 139.7340, 36.6131, -76.9427 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 139.7340, 36.6131, -76.9427 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 139.7340, 36.6131, -76.9427

Background



This preview shows how black text looks on a background with the YUV color 139.7340, 36.6131, -76.9427.

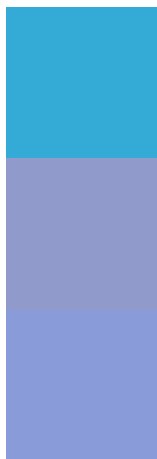


This preview shows how white text looks on a background with the YUV color 139.7340, 36.6131, -76.9427.

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

139.7340, 36.6131, -76.9427

Protanopia

157.4820, 22.4404, -10.9467

Deuteranopia

156.9850, 29.5874, -16.6498



Tritanopia

131.1590, 28.5156, -93.1014

Trichromacy



Original Color

139.7340, 36.6131, -76.9427

Protanomaly

150.7070, 27.7524, -34.8230

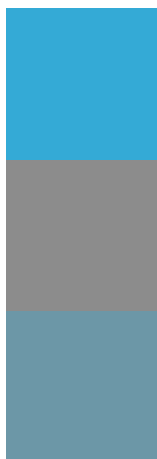
Deuteranomaly

150.5370, 32.2733, -38.1819

Tritanomaly

134.5880, 31.2621, -87.3387

Monochromacy



Original Color

139.7340, 36.6131, -76.9427

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9670, 13.3273, -28.0351

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7340, 36.6131, -76.9427 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(52, 170, 214)` looks like.

```
.text, #text, p{  
    color:rgb(52, 170, 214)  
}
```

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(52, 170, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 170, 214) }
```

Border

The CSS property to change the border of an element to YUV 139.7340, 36.6131, -76.9427 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(52, 170, 214) }
```


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

```
.border{ border-color:rgb(52, 170, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 170, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 170, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 170, 214);  
box-shadow:4px 4px 4px 4px rgb(52, 170,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 139.7340, 36.6131, -76.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 170, 214) }
```

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

```
.background{ background-color: rgb(52, 170,  
214) }
```

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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