

Converting Colors

YUV(149.4240, 36.7660,
-79.3018)

Have a look what the booklet for
YUV(149.4240, 36.7660, -79.3018)
contains.

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Color

**YUV(149.4240, 36.7660,
-79.3018)**

Conversions

Conversions Part 1

Format	Color
Hex	3BB5E0
RGB	59, 181, 224
RGB Percent	23%, 71%, 88%
CMY	0.7686, 0.2902, 0.1216
CMYK	0.74, 0.19, 0.00, 0.12
HSL	196°, 73%, 55%
HSV	196°, 74%, 88%
XYZ	31.7821, 39.3594, 76.4430
YIQ	149.4240, -86.5150, -12.4910

Conversions

Conversions Part 2

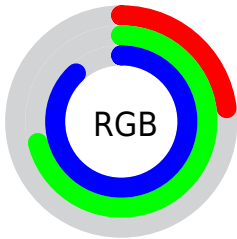
Format	Color
RYB	59, 129, 224
Decimal	3913184
CIELab	69.01, -19.38, -31.18
CIELCh	69, 36.717, 238.139
Yxy	39.3594, 0.2153, 0.2667
Android (android.graphics.Color)	4282103264 (0xFF3BB5E0)
YUV	149.4240, 36.7660, -79.3018
Hunter-Lab	62.7370, -19.3633, -28.3270

Details

The YUV color **149.4240, 36.7660, -79.3018** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **133.5760, -36.7660, 79.3018**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4610, 23.9297, -68.8103**, and **94.4020, 36.7768, -82.7906** is the 20% darker color. If you saturate the color by 10%, you get **139.3240, 41.7453, -89.7381**, and if you desaturate by 10%, it is **159.5240, 31.7867, -68.8655**.

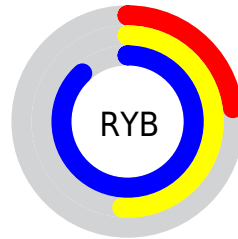
Distribution



Red (23%)

Green (71%)

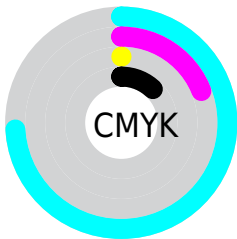
Blue (88%)



Red (23%)

Yellow (51%)

Blue (88%)

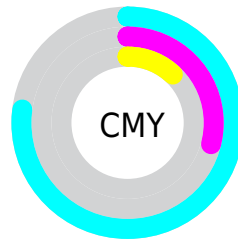


Cyan (74%)

Magenta (19%)

Yellow (0%)

Black (12%)



Cyan (77%)

Magenta (29%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4240, 36.7660, -79.3018 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 149.4240, 36.7660, -79.3018 by changing the saturation by 10% instead.

■ 149.4240, 36.7660,
-79.3018

■ 149.4240, 36.7660,
-79.3018

■ 255.0000, 0.0000,
0.0000

■ 112.7420, 41.0462,
-98.8747

■ 206.4610, 23.9297,
-68.8103

■ 94.4020, 36.7768,
-82.7906

■ 226.2960, 14.1511,
-59.0186

■ 76.6490, 32.2180,
-67.2212

■ 235.2660, 9.7289,
-40.5753

■ 59.5970, 27.8067,
-52.2666

■ 244.5350, 5.1592,
-21.5172

■ 43.2460, 23.5427,
-37.9267

■ 253.8040, 0.5896,
-2.4591

■ 28.2970, 19.5736,
-24.8165

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 149.4240, 36.7660,
-79.3018

■ 149.4240, 36.7660,
-79.3018

■ 139.3240, 41.7453,
-89.7381

■ 159.5240, 31.7867,
-68.8655

■ 128.9250, 46.8720,
-100.7892

■ 169.9230, 26.6600,
-57.8145

■ 122.9780, 49.8038,
-107.8517

■ 180.0230, 21.6807,
-47.3782

■ 189.8350, 16.8433,
-35.8123

■ 199.9350, 11.8640,
-25.3760

■ 210.0350, 6.8847,
-14.9397

■ 220.4340, 1.7580,
-3.8886

■ 230.5340, -3.2213,
6.5477

■ 239.1390, -7.4635,
13.9101

Harmonies

Analogous

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



141.4360, 28.3791, -95.9754



149.4240, 36.7660, -79.3018



162.6230, 35.1889, -40.0114

Triad

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



149.4240, 36.7660, -79.3018



172.3190, -0.1573, 50.5862



162.9800, -26.6121, -4.3675

Complementary

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



149.4240, 36.7660, -79.3018



133.5760, -36.7660, 79.3018

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.



166.4780, -31.7877, 22.3828



149.4240, 36.7660, -79.3018



170.6280, -15.5926, 54.7002

Square

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



149.4240, 36.7660, -79.3018



172.9110, 15.3269, 30.7731



168.7610, -27.4902, 44.0596



158.0500, -12.8426, -34.2468

Rectangle

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



149.4240, 36.7660, -79.3018



168.9360, 30.5976, -13.9759



168.7610, -27.4902, 44.0596



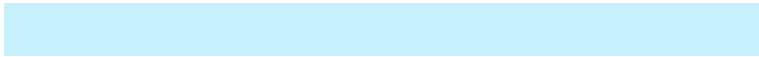
164.2370, -29.6968, 5.0542

Sweetspot

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



149.4240, 36.7660, -79.3018



229.4510, 12.5957, -26.7055



160.5290, -29.8408, -89.0409



112.5510, 7.6164, -16.2692



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.



149.4240, 36.7660, -79.3018



153.9780, 49.8038, -107.8517



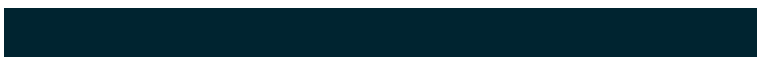
101.8770, 60.2066, -37.6031



106.9500, 2.4897, -5.2181



96.3740, 39.2556, -84.5200



26.6040, 10.5482, -23.3317

Inverse Universe

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



122.2430, 28.9672, 89.2409



116.9000, 39.4893, 121.1137



181.1230, -60.2066, 37.6031



105.2010, 1.8729, 5.9627



67.4440, 30.8401, 95.2036



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 149.4240, 36.7660, -79.3018 looks on a white background.

Color Contrast Check

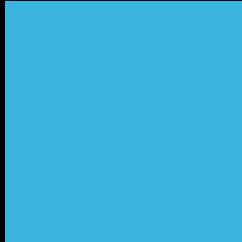
Large Text (above 18pt) WCAG AA × Fail

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 149.4240, 36.7660, -79.3018 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 149.4240, 36.7660, -79.3018

Background



This preview shows how black text looks on a background with the YUV color 149.4240, 36.7660, -79.3018.



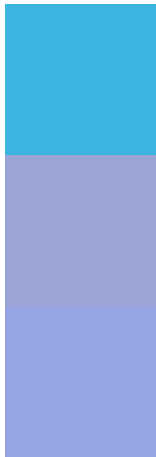
This preview shows how white text looks on a background with the YUV color 149.4240, 36.7660, -79.3018.

-79.3018.

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

149.4240, 36.7660, -79.3018

Protanopia

167.4820, 22.4404, -10.9467

Deuteranopia

167.3980, 29.8768, -16.1350



Tritanopia

143.0560, 28.0734, -91.2571

Trichromacy



Original Color

149.4240, 36.7660, -79.3018

Protanomaly

160.9950, 27.6105, -35.9526

Deuteranomaly

160.9390, 32.5681, -39.4115

Tritanomaly

145.5880, 31.2621, -87.3387

Monochromacy



Original Color

149.4240, 36.7660, -79.3018

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2550, 13.1853, -29.1646

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4240, 36.7660, -79.3018 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, 181, 224)` looks like.

```
.text, #text, p{  
    color:rgb(59, 181, 224)  
}
```

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, 181, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 181, 224) }
```

Border

The CSS property to change the border of an element to YUV 149.4240, 36.7660, -79.3018 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, 181, 224) }
```


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

```
.border{ border-color:rgb(59, 181, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 181, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 181, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 181, 224);  
box-shadow:4px 4px 4px 4px rgb(59, 181,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 149.4240, 36.7660, -79.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 181, 224) }
```

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

```
.background{ background-color: rgb(59, 181,  
224) }
```

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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