

Converting Colors

YUV(149.3790, 41.7182,
-81.0164)

Have a look what the booklet for
YUV(149.3790, 41.7182, -81.0164)
contains.

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Color

**YUV(149.3790, 41.7182,
-81.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	39B4EA
RGB	57, 180, 234
RGB Percent	22%, 71%, 92%
CMY	0.7765, 0.2941, 0.0824
CMYK	0.76, 0.23, 0.00, 0.08
HSL	198°, 81%, 57%
HSV	198°, 76%, 92%
XYZ	32.8599, 39.4529, 83.7252
YIQ	149.3790, -90.6420, -9.2820

Conversions

Conversions Part 2

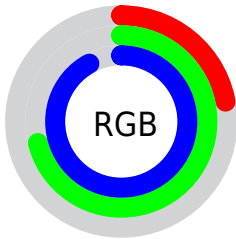
Format	Color
RYB	57, 130, 234
Decimal	3781866
CIELab	69.08, -15.79, -36.54
CIELCh	69, 39.809, 246.628
Yxy	39.4529, 0.2106, 0.2528
Android (android.graphics.Color)	4281971946 (0xFF39B4EA)
YUV	149.3790, 41.7182, -81.0164
Hunter-Lab	62.8115, -16.5378, -35.0630

Details

The YUV color **149.3790, 41.7182, -81.0164** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **141.6210, -41.7182, 81.0164**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8740, 24.2191, -68.2955**, and **94.8410, 40.9974, -83.1756** is the 20% darker color. If you saturate the color by 10%, you get **138.3930, 47.1343, -91.5527**, and if you desaturate by 10%, it is **160.3650, 36.3021, -70.4801**.

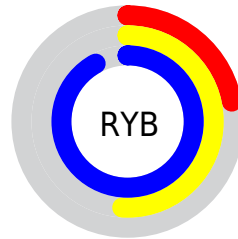
Distribution



Red (22%)

Green (71%)

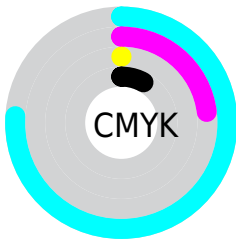
Blue (92%)



Red (22%)

Yellow (51%)

Blue (92%)

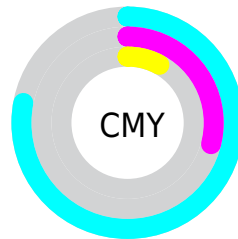


Cyan (76%)

Magenta (23%)

Yellow (0%)

Black (8%)



Cyan (78%)

Magenta (29%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3790, 41.7182, -81.0164 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 149.3790, 41.7182, -81.0164 by changing the saturation by 10% instead.

■ 149.3790, 41.7182,
-81.0164

■ 149.3790, 41.7182,
-81.0164

■ 255.0000, 0.0000,
0.0000

■ 113.2950, 45.7036,
-99.3597

■ 205.8740, 24.2191,
-68.2955

■ 94.8410, 40.9974,
-83.1756

■ 226.2960, 14.1511,
-59.0186

■ 77.0880, 36.4386,
-67.6062

■ 235.5650, 9.5815,
-39.9605

■ 60.0360, 32.0273,
-52.6516

■ 244.8340, 5.0118,
-20.9024

■ 43.6850, 27.7633,
-38.3117

■ 254.1030, 0.4422,
-1.8443

■ 28.5080, 22.9206,
-25.0015

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 149.3790, 41.7182,
-81.0164

■ 149.3790, 41.7182,
-81.0164

■ 138.3930, 47.1343,
-91.5527

■ 160.3650, 36.3021,
-70.4801

■ 127.1080, 52.6978,
-102.7037

■ 171.6500, 30.7386,
-59.3290

■ 122.3570, 55.0400,
-107.3071

■ 182.6360, 25.3225,
-48.7928

■ 194.5080, 19.4696,
-38.1565

■ 205.4940, 14.0535,
-27.6202

■ 216.4800, 8.6374,
-17.0840

■ 227.7650, 3.0739,
-5.9329

■ 238.7510, -2.3422,
4.6034

■ 246.1490, -5.9895,
7.7623

Harmonies

Analogous

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



133.1220, 37.9009, -116.7480



149.3790, 41.7182, -81.0164



165.4220, 36.7670, -32.8191

Triad

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



149.3790, 41.7182, -81.0164



171.8100, -4.8363, 58.0486



160.8540, -25.5640, -13.9040

Complementary

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



149.3790, 41.7182, -81.0164



141.6210, -41.7182, 81.0164

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.



165.1630, -34.0974, 16.5200



149.3790, 41.7182, -81.0164



169.8580, -21.1290, 57.1295

Square

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



149.3790, 41.7182, -81.0164



173.4670, 12.0948, 40.8094



168.1860, -32.1367, 41.0559



154.3410, -7.5631, -47.6571

Rectangle

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



149.3790, 41.7182, -81.0164



171.0020, 30.5650, -3.5098



168.1860, -32.1367, 41.0559



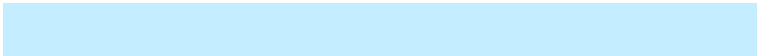
162.5950, -29.3803, -3.1528

Sweetspot

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



149.3790, 41.7182, -81.0164



226.7930, 13.9061, -27.0055



166.9410, -28.0719, -96.4183



110.7790, 8.4900, -16.4692



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.



149.3790, 41.7182, -81.0164



143.9550, 54.7452, -106.0775



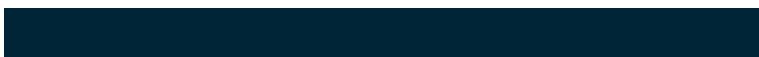
97.7230, 67.1846, -35.7141



111.9500, 2.4897, -5.2181



94.5960, 42.5972, -82.9607



27.8750, 12.8796, -24.4464

Inverse Universe

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



123.9450, 27.6351, 96.5182



110.7220, 36.1261, 126.5318



193.2770, -67.1846, 35.7141



110.2010, 1.8729, 5.9627



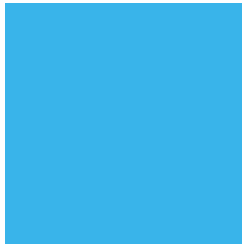
68.4830, 28.3559, 98.6774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 149.3790, 41.7182, -81.0164 looks on a white background.

Color Contrast Check

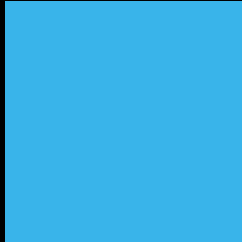
Large Text (above 18pt) WCAG AA × Fail

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 149.3790, 41.7182, -81.0164 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 149.3790, 41.7182, -81.0164 Background



This preview shows how black text looks on a background with the YUV color 149.3790, 41.7182, -81.0164.



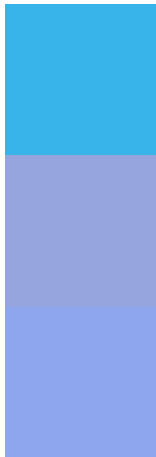
This preview shows how white text looks on a background with the YUV color 149.3790, 41.7182, -81.0164.

-81.0164.

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

149.3790, 41.7182, -81.0164

Protanopia

167.4260, 27.3980, -14.4056

Deuteranopia

166.9180, 34.5504, -21.8531



Tritanopia

137.4780, 31.3163, -104.7822

Trichromacy



Original Color

149.3790, 41.7182, -81.0164

Protanomaly

160.6510, 32.7101, -38.2819

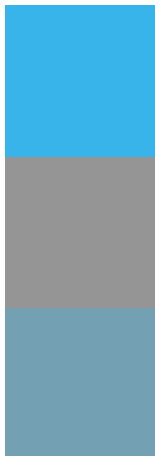
Deuteranomaly

160.4700, 37.2363, -43.3852

Tritanomaly

141.8580, 35.0730, -96.3455

Monochromacy



Original Color

149.3790, 41.7182, -81.0164

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1240, 15.2219, -29.0497

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3790, 41.7182, -81.0164 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(57, 180, 234)` looks like.

```
.text, #text, p{  
    color:rgb(57, 180, 234)  
}
```

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(57, 180, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 180, 234) }
```

Border

The CSS property to change the border of an element to YUV 149.3790, 41.7182, -81.0164 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(57, 180, 234) }
```


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

```
.border{ border-color:rgb(57, 180, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 180, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 180, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 180, 234);  
box-shadow:4px 4px 4px 4px rgb(57, 180,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 149.3790, 41.7182, -81.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 180, 234) }
```

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

```
.background{ background-color: rgb(57, 180,  
234) }
```

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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