

Converting Colors

YUV(154.7640, 47.9373,
-69.0760)

Have a look what the booklet for
YUV(154.7640, 47.9373, -69.0760)
contains.

YUV(154.7640, 47.9373, -69.0760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.7640, 47.9373,
-69.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	4CB0FC
RGB	76, 176, 252
RGB Percent	30%, 69%, 99%
CMY	0.7020, 0.3098, 0.0118
CMYK	0.70, 0.30, 0.00, 0.01
HSL	206°, 97%, 64%
HSV	206°, 70%, 99%
XYZ	36.0765, 39.6154, 97.8406
YIQ	154.7640, -83.9960, 2.4360

Conversions

Conversions Part 2

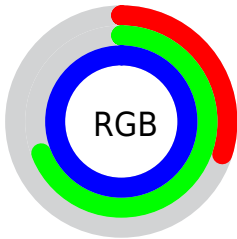
Format	Color
RYB	76, 140, 252
Decimal	5026044
CIELab	69.19, -5.20, -46.11
CIELCh	69, 46.401, 263.567
Yxy	39.6154, 0.2079, 0.2283
Android (android.graphics.Color)	4283216124 (0xFF4CB0FC)
YUV	154.7640, 47.9373, -69.0760
Hunter-Lab	62.9408, -7.8335, -48.1069

Details

The YUV color **154.7640, 47.9373, -69.0760** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **173.2360, -47.9373, 69.0760**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4240, 23.4550, -56.4998**, and **95.0180, 49.2911, -83.3308** is the 20% darker color. If you saturate the color by 10%, you get **140.8320, 54.8058, -78.7827**, and if you desaturate by 10%, it is **168.6960, 41.0689, -59.3694**.

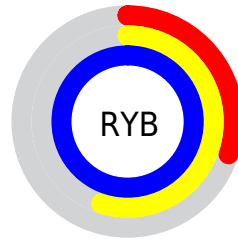
Distribution



Red (30%)

Green (69%)

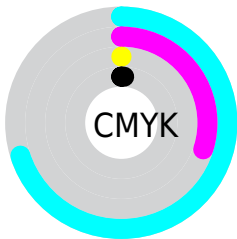
Blue (99%)



Red (30%)

Yellow (55%)

Blue (99%)

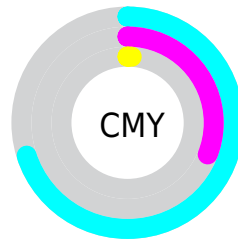


Cyan (70%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7640, 47.9373, -69.0760 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 154.7640, 47.9373, -69.0760 by changing the saturation by 10% instead.

■ 154.7640, 47.9373,
-69.0760

■ 154.7640, 47.9373,
-69.0760

255.0000, 0.0000,
0.0000

■ 121.5560, 50.0119,
-81.1716

■ 207.4240, 23.4550,
-56.4998

■ 95.0180, 49.2911,
-83.3308

■ 230.7810, 11.9400,
-49.7969

■ 77.1510, 44.2956,
-67.6614

■ 240.0500, 7.3704,
-30.7388

■ 60.6860, 39.5948,
-53.2216

■ 249.3190, 2.8007,
-11.6808

■ 44.2210, 34.8940,
-38.7818

■ 29.6310, 29.7619,
-25.9864

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 154.7640, 47.9373,
-69.0760

■ 154.7640, 47.9373,
-69.0760

■ 140.8320, 54.8058,
-78.7827

■ 168.6960, 41.0689,
-59.3694

■ 126.9000, 61.6743,
-88.4893

■ 182.6280, 34.2004,
-49.6628

■ 112.6690, 68.6902,
-98.8107

■ 196.8590, 27.1845,
-39.3413

■ 210.7910, 20.3160,
-29.6347

■ 224.1360, 13.7370,
-19.4133

■ 238.0680, 6.8685,
-9.7066

■ 252.0000, 0.0000,
0.0000

■ 254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



136.0860, 49.2576, -119.3474



154.7640, 47.9373, -69.0760



170.0920, 37.4226, -9.7277

Triad

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



154.7640, 47.9373, -69.0760



170.3030, -15.9254, 68.1403



155.7090, -19.0835, -39.2098

Complementary

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



154.7640, 47.9373, -69.0760



173.2360, -47.9373, 69.0760

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.



162.1840, -36.0797, -1.0384



154.7640, 47.9373, -69.0760



168.2850, -32.1855, 56.7551

Square

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



154.7640, 47.9373, -69.0760



172.4220, 3.7360, 61.8969



165.9540, -40.4033, 32.4893



138.8110, 9.4602, -94.5502

Rectangle

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



154.7640, 47.9373, -69.0760



173.7600, 27.7263, 20.3815



165.9540, -40.4033, 32.4893



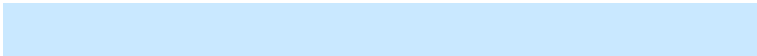
158.0760, -25.6735, -25.4997

Sweetspot

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



154.7640, 47.9373, -69.0760



225.3530, 14.6160, -21.3576



187.6340, -19.0466, -97.9030



110.2140, 8.7685, -12.4657



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.



154.7640, 47.9373, -69.0760



137.0100, 58.1691, -84.2008



104.8690, 72.5356, -25.3181



118.1780, 3.3632, -5.4181



84.3550, 51.5900, -73.9793



27.4990, 16.5160, -24.1166

Inverse Universe

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



140.0240, 17.7362, 98.2030



118.8940, 21.7443, 119.3650



223.1310, -72.5356, 25.3181



116.7990, 1.5781, 7.1923



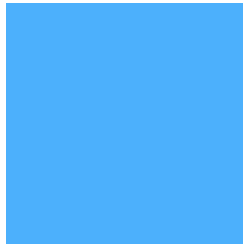
68.7090, 18.8775, 105.4952



22.2290, 6.2961, 34.0022

Previews

White Background



This preview shows how the YUV color 154.7640, 47.9373, -69.0760 looks on a white background.

Color Contrast Check

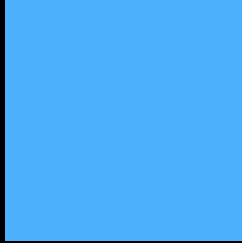
Large Text (above 18pt) WCAG AA × Fail

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 154.7640, 47.9373, -69.0760 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

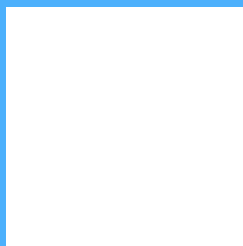
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.7640, 47.9373, -69.0760

Background



This preview shows how black text looks on a background with the YUV color 154.7640, 47.9373, -69.0760.



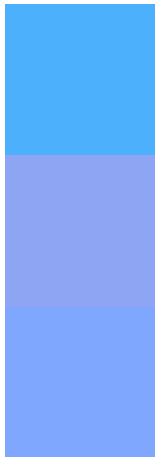
This preview shows how white text looks on a background with the YUV color 154.7640, 47.9373, -69.0760.

-69.0760.

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

154.7640, 47.9373, -69.0760

Protanopia

167.0150, 37.4606, -21.9382

Deuteranopia

164.9580, 43.8977, -33.2892



Tritanopia

143.1590, 28.5156, -93.1014

Trichromacy



Original Color

154.7640, 47.9373, -69.0760

Protanomaly

162.5290, 41.1512, -39.0519

Deuteranomaly

160.9240, 45.3935, -46.4143

Tritanomaly

147.1630, 35.9086, -84.3350

Monochromacy



Original Color

154.7640, 47.9373, -69.0760

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0150, 17.2476, -25.4462

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7640, 47.9373, -69.0760 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, 176, 252)` looks like.

```
.text, #text, p{  
    color:rgb(76, 176, 252)  
}
```

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, 176, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 176, 252) }
```

Border

The CSS property to change the border of an element to YUV 154.7640, 47.9373, -69.0760 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, 176, 252) }
```


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

```
.border{ border-color:rgb(76, 176, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 176, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 176, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 176, 252);  
box-shadow:4px 4px 4px 4px rgb(76, 176,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 154.7640, 47.9373, -69.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 176, 252) }
```

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

```
.background{ background-color: rgb(76, 176,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor