

Converting Colors

YUV(149.7620, 50.8963,
-84.8603)

Have a look what the booklet for
YUV(149.7620, 50.8963, -84.8603)
contains.

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Color

**YUV(149.7620, 50.8963,
-84.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	35B3FD
RGB	53, 179, 253
RGB Percent	21%, 70%, 99%
CMY	0.7922, 0.2980, 0.0078
CMYK	0.79, 0.29, 0.00, 0.01
HSL	202°, 98%, 60%
HSV	202°, 79%, 99%
XYZ	35.3179, 40.0889, 98.8050
YIQ	149.7620, -98.8500, -3.6980

Conversions

Conversions Part 2

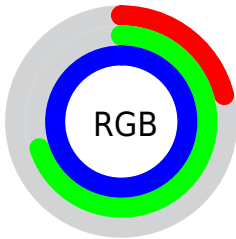
Format	Color
R_{YB}	53, 130, 253
Decimal	3519485
CIE _{Lab}	69.53, -9.21, -46.16
CIE _{LCh}	70, 47.068, 258.714
Yxy	40.0889, 0.2027, 0.2301
Android (android.graphics.Color)	4281709565 (0xFF35B3FD)
YUV	149.7620, 50.8963, -84.8603
Hunter-Lab	63.3158, -11.2344, -48.2016

Details

The YUV color **149.7620, 50.8963, -84.8603** 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 **156.2380, -50.8963, 84.8603**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5860, 24.3611, -67.1659**, and **96.8930, 48.8598, -84.9752** is the 20% darker color. If you saturate the color by 10%, you get **137.0040, 57.1860, -95.5965**, and if you desaturate by 10%, it is **162.5200, 44.6066, -74.1240**.

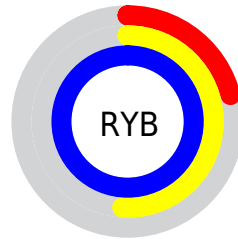
Distribution



Red (21%)

Green (70%)

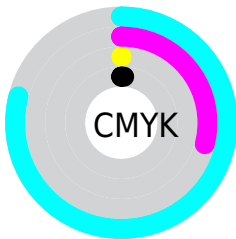
Blue (99%)



Red (21%)

Yellow (51%)

Blue (99%)

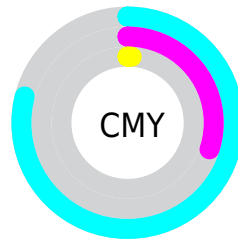


Cyan (79%)

Magenta (29%)

Yellow (0%)

Black (1%)



Cyan (79%)

Magenta (30%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7620, 50.8963, -84.8603 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 149.7620, 50.8963, -84.8603 by changing the saturation by 10% instead.

■ 149.7620, 50.8963,
-84.8603

■ 149.7620, 50.8963,
-84.8603

255.0000, 0.0000,
0.0000

■ 114.7600, 53.8553,
-100.6445

■ 205.5860, 24.3611,
-67.1659

■ 96.8930, 48.8598,
-84.9752

■ 226.8940, 13.8563,
-57.7890

■ 79.0260, 43.8642,
-69.3058

■ 236.4620, 9.1392,
-38.1162

■ 61.9740, 39.4528,
-54.3512

■ 245.7310, 4.5696,
-19.0581

■ 46.0960, 34.4627,
-40.4262

■ 30.9190, 29.6199,
-27.1160

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 149.7620, 50.8963,
-84.8603

■ 149.7620, 50.8963,
-84.8603

■ 137.0040, 57.1860,
-95.5965

■ 162.5200, 44.6066,
-74.1240

■ 123.3600, 63.9125,
-106.4327

■ 176.1640, 37.8801,
-63.2878

■ 122.1750, 64.4967,
-107.1475

■ 188.9220, 31.5905,
-52.5516

■ 201.6800, 25.3008,
-41.8154

■ 215.3240, 18.5743,
-30.9791

■ 228.0820, 12.2846,
-20.2429

■ 241.4270, 5.7055,
-10.0215

254.1850, -0.5842,
0.7148

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



136.9180, 47.3684, -120.0771



149.7620, 50.8963, -84.8603



169.7210, 40.0705, -19.0493

Triad

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



149.7620, 50.8963, -84.8603



171.4110, -13.0206, 69.7996



157.8300, -22.5942, -33.1769

Complementary

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



149.7620, 50.8963, -84.8603



156.2380, -50.8963, 84.8603

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.



163.6470, -38.2800, 4.6946



149.7620, 50.8963, -84.8603



169.3610, -30.7440, 61.0734

Square

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



149.7620, 50.8963, -84.8603



173.3230, 7.2358, 59.3527



167.5740, -40.7090, 37.2076



144.0960, 3.8967, -83.3992

Rectangle

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



149.7620, 50.8963, -84.8603



174.2260, 30.9476, 13.8338



167.5740, -40.7090, 37.2076



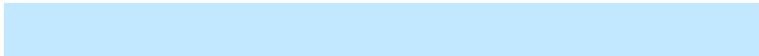
160.1970, -29.1841, -19.4668

Sweetspot

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



149.7620, 50.8963, -84.8603



223.2600, 15.6478, -25.6610



178.7220, -25.9919, -110.2582



108.7190, 9.5055, -15.5396



0.0000, 0.0000, 0.0000



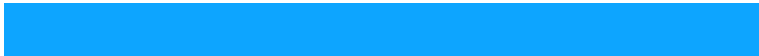
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149.7620, 50.8963, -84.8603



129.8120, 61.7177, -102.4441



91.6490, 79.5460, -33.8952



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906

Inverse Universe

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



127.1640, 25.5551, 110.3582



102.6860, 30.7208, 133.5794



214.3510, -79.5460, 33.8952



119.7990, 1.5781, 7.1923



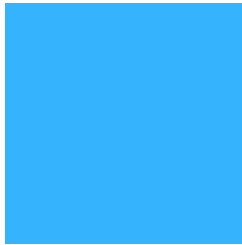
70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 149.7620, 50.8963, -84.8603 looks on a white background.

Color Contrast Check

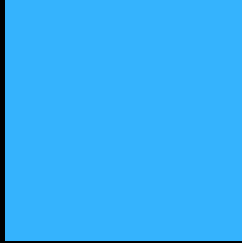
Large Text (above 18pt) WCAG AA × Fail

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 149.7620, 50.8963, -84.8603 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

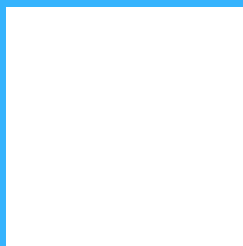
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.7620, 50.8963, -84.8603

Background



This preview shows how black text looks on a background with the YUV color 149.7620, 50.8963, -84.8603.



This preview shows how white text looks on a background with the YUV color 149.7620, 50.8963, -84.8603.

-84.8603.

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

149.7620, 50.8963, -84.8603

Protanopia

168.0860, 36.4396, -21.1234

Deuteranopia

165.6590, 44.0451, -33.9039



Tritanopia

132.7970, 34.1171, -116.4630

Trichromacy



Original Color

149.7620, 50.8963, -84.8603

Protanomaly

161.6100, 41.6043, -44.3850

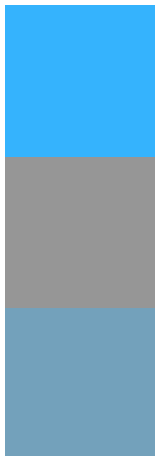
Deuteranomaly

159.8200, 46.4307, -52.4621

Tritanomaly

138.8830, 40.4837, -105.1374

Monochromacy



Original Color

149.7620, 50.8963, -84.8603

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2100, 18.1375, -30.8792

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7620, 50.8963, -84.8603 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(53, 179, 253)` looks like.

```
.text, #text, p{  
    color:rgb(53, 179, 253)  
}
```

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(53, 179, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 179, 253) }
```

Border

The CSS property to change the border of an element to YUV 149.7620, 50.8963, -84.8603 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(53, 179, 253) }
```


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

```
.border{ border-color:rgb(53, 179, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 179, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 179, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 179, 253);  
box-shadow:4px 4px 4px 4px rgb(53, 179,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 149.7620, 50.8963, -84.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 179, 253) }
```

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

```
.background{ background-color: rgb(53, 179,  
253) }
```

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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