

Converting Colors

YUV(151.0250, 48.7947,
-64.0429)

Have a look what the booklet for
YUV(151.0250, 48.7947, -64.0429)
contains.

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Color

**YUV(151.0250, 48.7947,
-64.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	4EA9FA
RGB	78, 169, 250
RGB Percent	31%, 66%, 98%
CMY	0.6941, 0.3373, 0.0196
CMYK	0.69, 0.32, 0.00, 0.02
HSL	208°, 95%, 64%
HSV	208°, 69%, 98%
XYZ	34.5852, 36.8978, 95.7416
YIQ	151.0250, -80.2370, 5.8990

Conversions

Conversions Part 2

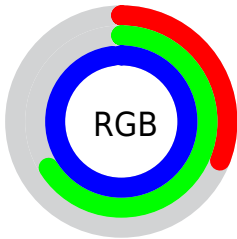
Format	Color
R _Y B	78, 138, 250
Decimal	5155322
CIE Lab	67.20, -1.66, -48.16
CIE LCh	67, 48.186, 268.025
Yxy	36.8978, 0.2068, 0.2206
Android (android.graphics.Color)	4283345402 (0xFF4EA9FA)
YUV	151.0250, 48.7947, -64.0429
Hunter-Lab	60.7435, -4.6697, -50.9302

Details

The YUV color **151.0250, 48.7947, -64.0429** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **176.9750, -48.7947, 64.0429**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6140, 25.3333, -52.2815**, and **90.6810, 50.4433, -79.5272** is the 20% darker color. If you saturate the color by 10%, you get **136.5060, 55.9525, -73.2348**, and if you desaturate by 10%, it is **165.5440, 41.6368, -54.8511**.

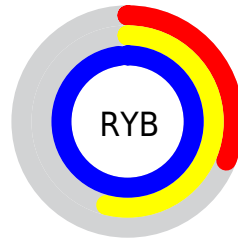
Distribution



Red (31%)

Green (66%)

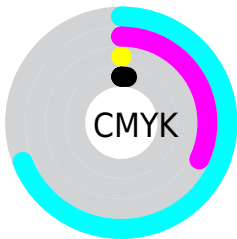
Blue (98%)



Red (31%)

Yellow (54%)

Blue (98%)

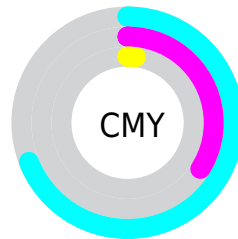


Cyan (69%)

Magenta (32%)

Yellow (0%)

Black (2%)



Cyan (69%)

Magenta (34%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0250, 48.7947, -64.0429 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 151.0250, 48.7947, -64.0429 by changing the saturation by 10% instead.

■ 151.0250, 48.7947,
-64.0429

■ 151.0250, 48.7947,
-64.0429

255.0000, 0.0000,
0.0000

■ 119.3010, 50.1376,
-74.8090

■ 203.6140, 25.3333,
-52.2815

■ 90.6810, 50.4433,
-79.5272

■ 229.3190, 12.6607,
-47.6378

■ 73.5150, 45.5951,
-64.4727

■ 240.0500, 7.3704,
-30.7388

■ 56.9360, 40.4576,
-49.9329

■ 249.3190, 2.8007,
-11.6808

■ 41.0580, 35.4674,
-36.0079

■ 26.4680, 30.3353,
-23.2124

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 151.0250, 48.7947,
-64.0429

■ 151.0250, 48.7947,
-64.0429

■ 136.5060, 55.9525,
-73.2348

■ 165.5440, 41.6368,
-54.8511

■ 121.9870, 63.1104,
-82.4266

■ 180.0630, 34.4789,
-45.6593

■ 108.0550, 69.9789,
-92.1332

■ 193.9950, 27.6105,
-35.9526

■ 105.9840, 70.9999,
-92.9480

■ 208.5140, 20.4526,
-26.7608

■ 223.0330, 13.2947,
-17.5689

■ 237.5520, 6.1369,
-8.3771

■ 251.4840, -0.7316,
1.3295

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



132.5640, 50.9939, -116.2586



151.0250, 48.7947, -64.0429



165.6090, 36.6748, -3.1651

Triad

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



151.0250, 48.7947, -64.0429



164.1030, -19.2778, 70.0697



148.1640, -15.8569, -47.5018

Complementary

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



151.0250, 48.7947, -64.0429



176.9750, -48.7947, 64.0429

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.



155.3790, -35.1898, -6.4714



151.0250, 48.7947, -64.0429



162.1770, -35.0903, 55.0958

Square

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



151.0250, 48.7947, -64.0429



166.0590, 0.9569, 66.6003



159.7640, -42.2817, 28.2710



126.7210, 15.9135, -111.1343

Rectangle

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



151.0250, 48.7947, -64.0429



168.4620, 26.3942, 27.6588



159.7640, -42.2817, 28.2710



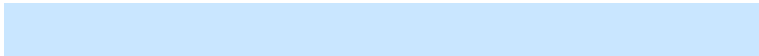
150.9010, -23.6152, -32.3622

Sweetspot

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



151.0250, 48.7947, -64.0429



224.1790, 15.1948, -20.3280



188.0840, -14.8314, -96.5437



109.0400, 9.3473, -11.4361



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.



151.0250, 48.7947, -64.0429



132.9120, 60.1894, -78.8528



101.1300, 73.3929, -20.2850



117.5910, 3.6526, -4.9033



80.2460, 53.6157, -70.3757



25.7380, 17.3842, -22.5722

Inverse Universe

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



139.8020, 14.3946, 96.6436



119.1560, 17.6711, 119.1352



226.8700, -73.3929, 20.2850



116.6850, 1.1413, 7.2923



67.9110, 15.8199, 106.1951



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 151.0250, 48.7947, -64.0429 looks on a white background.

Color Contrast Check

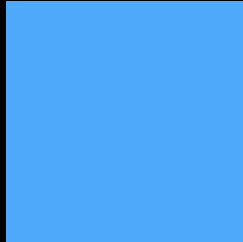
Large Text (above 18pt) WCAG AA × Fail

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 151.0250, 48.7947, -64.0429 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

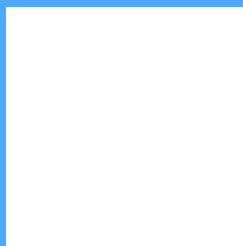
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.0250, 48.7947, -64.0429

Background



This preview shows how black text looks on a background with the YUV color 151.0250, 48.7947, -64.0429.



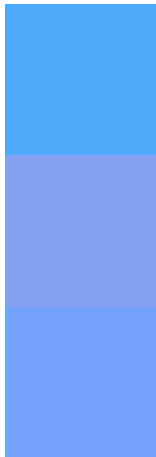
This preview shows how white text looks on a background with the YUV color 151.0250, 48.7947, -64.0429.

-64.0429.

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

151.0250, 48.7947, -64.0429

Protanopia

161.5740, 39.6500, -24.1824

Deuteranopia

158.8050, 45.9451, -36.6630



Tritanopia

138.9530, 27.6312, -89.4128

Trichromacy



Original Color

151.0250, 48.7947, -64.0429

Protanomaly

157.6970, 43.0404, -38.3223

Deuteranomaly

156.2660, 46.7039, -46.7143

Tritanomaly

143.3700, 35.3136, -80.1315

Monochromacy



Original Color

151.0250, 48.7947, -64.0429

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1400, 17.6790, -23.8018

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0250, 48.7947, -64.0429 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(78, 169, 250)` looks like.

```
.text, #text, p{  
    color:rgb(78, 169, 250)  
}
```

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(78, 169, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 169, 250) }
```

Border

The CSS property to change the border of an element to YUV 151.0250, 48.7947, -64.0429 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(78, 169, 250) }
```


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

```
.border{ border-color:rgb(78, 169, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 169, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 169, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 169, 250);  
box-shadow:4px 4px 4px 4px rgb(78, 169,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 151.0250, 48.7947, -64.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 169, 250) }
```

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

```
.background{ background-color: rgb(78, 169,  
250) }
```

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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