

Converting Colors

YUV(151.3840, 51.0827,
-51.2028)

Have a look what the booklet for
YUV(151.3840, 51.0827, -51.2028)
contains.

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Color

**YUV(151.3840, 51.0827,
-51.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA1FF
RGB	93, 161, 255
RGB Percent	36%, 63%, 100%
CMY	0.6353, 0.3686, 0.0000
CMYK	0.64, 0.37, 0.00, 0.00
HSL	215°, 100%, 68%
HSV	215°, 64%, 100%
XYZ	35.3091, 35.0369, 99.5096
YIQ	151.3840, -70.7020, 14.8180

Conversions

Conversions Part 2

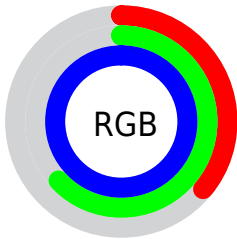
Format	Color
R_{YB}	93, 141, 255
Decimal	6136319
CIE _{Lab}	65.78, 6.95, -53.09
CIE _{LCh}	66, 53.545, 277.453
Yxy	35.0369, 0.2079, 0.2063
Android (android.graphics.Color)	4284326399 (0xFF5DA1FF)
YUV	151.3840, 51.0827, -51.2028
Hunter-Lab	59.1920, 2.8925, -58.2400

Details

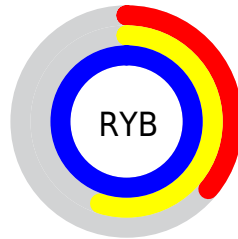
The YUV color **151.3840, 51.0827, -51.2028** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **196.6160, -51.0827, 51.2028**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9190, 26.1689, -40.2710**, and **87.1420, 54.6530, -76.4235** is the 20% darker color. If you saturate the color by 10%, you get **134.8050, 59.2561, -59.4650**, and if you desaturate by 10%, it is **167.9630, 42.9092, -42.9406**.

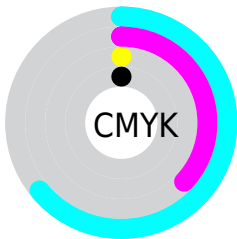
Distribution



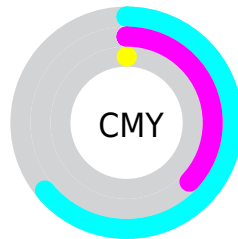
- Red (36%)
- Green (63%)
- Blue (100%)



- Red (36%)
- Yellow (55%)
- Blue (100%)



- Cyan (64%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3840, 51.0827, -51.2028 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 151.3840, 51.0827, -51.2028 by changing the saturation by 10% instead.

■ 151.3840, 51.0827,
-51.2028

■ 151.3840, 51.0827,
-51.2028

255.0000, 0.0000,
0.0000

■ 122.0520, 51.2464,
-57.0506

■ 201.9190, 26.1689,
-40.2710

■ 87.1420, 54.6530,
-76.4235

■ 227.9120, 13.3544,
-36.7568

■ 69.8620, 49.3680,
-61.2690

■ 243.6380, 5.6015,
-23.3615

■ 53.8700, 43.9411,
-47.2440

■ 252.9070, 1.0318,
-4.3034

■ 38.5790, 38.6616,
-33.8338

■ 23.9890, 33.5294,
-21.0384

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 151.3840, 51.0827,
-51.2028

■ 151.3840, 51.0827,
-51.2028

■ 134.8050, 59.2561,
-59.4650

■ 167.9630, 42.9092,
-42.9406

■ 118.5250, 67.2822,
-67.1124

■ 184.2430, 34.8832,
-35.2931

■ 102.5330, 75.1662,
-75.8894

■ 200.2350, 26.9991,
-26.5161

■ 91.8790, 80.4187,
-80.5779

■ 216.5150, 18.9731,
-18.8687

■ 233.0940, 10.7997,
-10.6064

■ 249.3740, 2.7736,
-2.9590

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



130.9970, 57.6825, -114.8844



151.3840, 51.0827, -51.2028



163.7790, 35.6050, 13.3488

Triad

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



151.3840, 51.0827, -51.2028



158.4750, -26.8562, 74.1284



134.0940, -6.4553, -76.3814

Complementary

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



151.3840, 51.0827, -51.2028



196.6160, -51.0827, 51.2028

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.



148.6330, -33.8361, -20.7261



151.3840, 51.0827, -51.2028



157.0920, -42.9364, 51.6623

Square

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



151.3840, 51.0827, -51.2028



159.9310, -4.8960, 77.2365



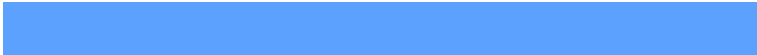
153.8570, -46.7645, 19.4194



127.5020, 21.4445, -111.8193

Rectangle

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



151.3840, 51.0827, -51.2028



164.7630, 23.2878, 44.0578



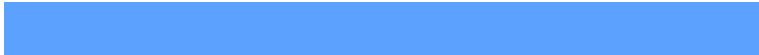
153.8570, -46.7645, 19.4194



141.0770, -17.2930, -53.5645

Sweetspot

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



151.3840, 51.0827, -51.2028



224.2120, 15.1785, -15.0949



198.5820, -6.6959, -92.5954



108.4640, 9.6312, -9.1769



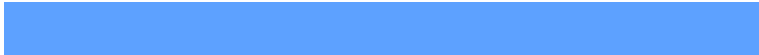
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



151.3840, 51.0827, -51.2028



131.2500, 61.0087, -61.6093



114.7570, 69.1398, -9.4339



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982

Inverse Universe

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



149.1900, 5.8223, 92.7954



128.3540, 7.2205, 111.0685



233.2430, -69.1398, 9.4339



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 151.3840, 51.0827, -51.2028 looks on a white background.

Color Contrast Check

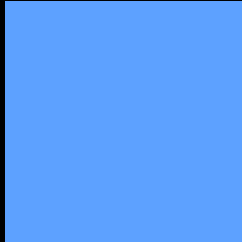
Large Text (above 18pt) WCAG AA × Fail

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 151.3840, 51.0827, -51.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

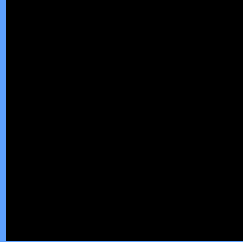
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

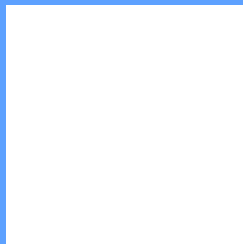
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.3840, 51.0827, -51.2028

Background



This preview shows how black text looks on a background with the YUV color 151.3840, 51.0827, -51.2028.



This preview shows how white text looks on a background with the YUV color 151.3840, 51.0827, -51.2028.

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

151.3840, 51.0827, -51.2028

Protanopia

156.8490, 45.9234, -29.6856

Deuteranopia

153.2000, 50.1874, -44.0254



Tritanopia

141.6130, 23.3618, -73.3286

Trichromacy



Original Color

151.3840, 51.0827, -51.2028

Protanomaly

154.9620, 47.8397, -37.6777

Deuteranomaly

152.5910, 50.4876, -46.9993

Tritanomaly

145.3010, 33.3756, -65.1620

Monochromacy



Original Color

151.3840, 51.0827, -51.2028

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.4010, 18.5363, -18.7687

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3840, 51.0827, -51.2028 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(93, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 161, 255)  
}
```

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(93, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 161, 255) }
```

Border

The CSS property to change the border of an element to YUV 151.3840, 51.0827, -51.2028 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(93, 161, 255) }
```


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

```
.border{ border-color:rgb(93, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 161,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 151.3840, 51.0827, -51.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 161, 255) }
```

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

```
.background{ background-color: rgb(93, 161,  
255) }
```

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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