

Converting Colors

YUV(151.0190, 51.2626,
-62.2837)

Have a look what the booklet for
YUV(151.0190, 51.2626, -62.2837)
contains.

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Color

**YUV(151.0190, 51.2626,
-62.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	50A7FF
RGB	80, 167, 255
RGB Percent	31%, 65%, 100%
CMY	0.6863, 0.3451, 0.0000
CMYK	0.69, 0.35, 0.00, 0.00
HSL	210°, 100%, 66%
HSV	210°, 69%, 100%
XYZ	35.1770, 36.5629, 99.8111
YIQ	151.0190, -80.1000, 8.9240

Conversions

Conversions Part 2

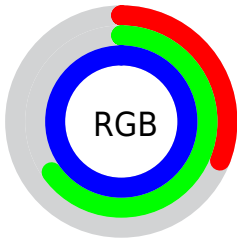
Format	Color
R _Y B	80, 138, 255
Decimal	5285887
CIE Lab	66.95, 1.45, -51.27
CIE LCh	67, 51.291, 271.622
Yxy	36.5629, 0.2051, 0.2131
Android (android.graphics.Color)	4283475967 (0xFF50A7FF)
YUV	151.0190, 51.2626, -62.2837
Hunter-Lab	60.4673, -1.9749, -55.5407

Details

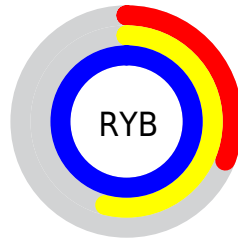
The YUV color **151.0190, 51.2626, -62.2837** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **183.9810, -51.2626, 62.2837**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0380, 25.6173, -50.0223**, and **90.6640, 52.9166, -79.5123** is the 20% darker color. If you saturate the color by 10%, you get **135.9130, 58.7099, -70.9607**, and if you desaturate by 10%, it is **166.4240, 43.6680, -52.9918**.

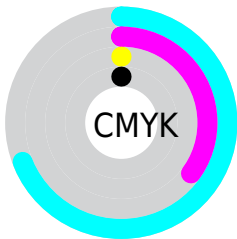
Distribution



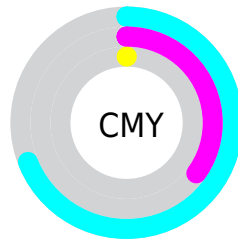
- Red (31%)
- Green (65%)
- Blue (100%)



- Red (31%)
- Yellow (54%)
- Blue (100%)



- Cyan (69%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0190, 51.2626, -62.2837 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 151.0190, 51.2626, -62.2837 by changing the saturation by 10% instead.

■ 151.0190, 51.2626,
-62.2837

■ 151.0190, 51.2626,
-62.2837

255.0000, 0.0000,
0.0000

■ 119.2950, 52.6056,
-73.0497

■ 203.0380, 25.6173,
-50.0223

■ 90.6640, 52.9166,
-79.5123

■ 228.7430, 12.9447,
-45.3786

■ 72.7970, 47.9211,
-63.8430

■ 240.9470, 6.9281,
-28.8945

■ 56.2180, 42.7835,
-49.3032

■ 250.2160, 2.3585,
-9.8364

■ 40.9270, 37.5040,
-35.8930

■ 26.3370, 32.3719,
-23.0975

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 151.0190, 51.2626,
-62.2837

■ 151.0190, 51.2626,
-62.2837

■ 135.9130, 58.7099,
-70.9607

■ 166.4240, 43.6680,
-52.9918

■ 120.5080, 66.3046,
-80.2525

■ 181.5300, 36.2207,
-44.3148

■ 105.9890, 73.4624,
-89.4444

■ 196.3480, 28.9154,
-34.5082

■ 103.6190, 74.6308,
-90.8739

■ 211.4540, 21.4682,
-25.8312

■ 226.8590, 13.8735,
-16.5393

■ 241.9650, 6.4263,
-7.8623

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.



132.7750, 54.3409, -116.4437



151.0190, 51.2626, -62.2837



166.1690, 37.3847, 2.4828

Triad

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



151.0190, 51.2626, -62.2837



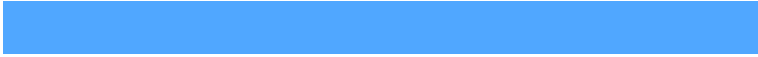
162.6150, -22.4882, 73.1286



143.4940, -13.0615, -57.4382

Complementary

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



151.0190, 51.2626, -62.2837



183.9810, -51.2626, 62.2837

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.



153.2320, -35.6104, -11.6045



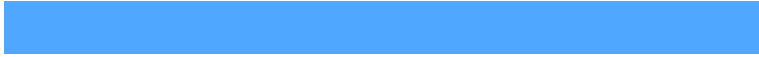
151.0190, 51.2626, -62.2837



160.8520, -38.8740, 55.3808

Square

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



151.0190, 51.2626, -62.2837



164.5220, -1.2433, 72.3332



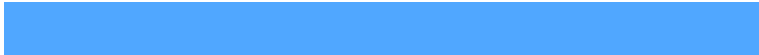
158.0580, -44.8916, 25.3821



127.8780, 17.8081, -112.1490

Rectangle

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



151.0190, 51.2626, -62.2837



168.0930, 26.0832, 34.1214



158.0580, -44.8916, 25.3821



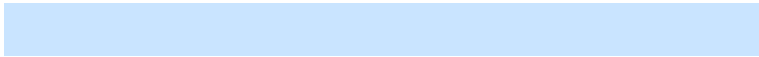
147.9000, -22.1357, -40.2543

Sweetspot

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



151.0190, 51.2626, -62.2837



223.0050, 15.7735, -19.2984



192.7570, -12.2052, -98.8879



108.4530, 9.6367, -10.9213



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.



151.0190, 51.2626, -62.2837



130.8740, 61.1941, -74.4345



99.9500, 76.4397, -17.4961



120.0040, 3.9420, -4.3885



77.5390, 55.9363, -68.0017



26.0800, 18.6946, -22.8722

Inverse Universe

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



142.2430, 12.2052, 98.8879



120.3470, 14.6189, 118.0907



235.0500, -76.4397, 17.4961



119.5710, 0.7045, 7.3922



67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 151.0190, 51.2626, -62.2837 looks on a white background.

Color Contrast Check

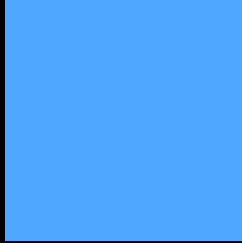
Large Text (above 18pt) WCAG AA × Fail

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 151.0190, 51.2626, -62.2837 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

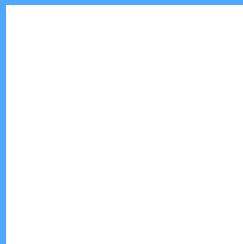
Any Text WCAG AAA ✓ Pass

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

YUV 151.0190, 51.2626, -62.2837 Background



This preview shows how black text looks on a background with the YUV color 151.0190, 51.2626, -62.2837.



This preview shows how white text looks on a background with the YUV color 151.0190, 51.2626, -62.2837.

-62.2837.

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

151.0190, 51.2626, -62.2837

Protanopia

160.4750, 43.1498, -26.7266

Deuteranopia

157.3530, 48.1400, -40.6516



Tritanopia

137.3550, 27.9260, -90.6423

Trichromacy



Original Color

151.0190, 51.2626, -62.2837

Protanomaly

157.1960, 46.2454, -39.6369

Deuteranomaly

155.2380, 49.1827, -48.4437

Tritanomaly

142.5980, 36.1872, -80.3314

Monochromacy



Original Color

151.0190, 51.2626, -62.2837

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0800, 18.6946, -22.8722

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0190, 51.2626, -62.2837 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(80, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(80, 167, 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(80, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 167, 255) }
```

Border

The CSS property to change the border of an element to YUV 151.0190, 51.2626, -62.2837 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(80, 167, 255) }
```


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

```
.border{ border-color:rgb(80, 167, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(80, 167,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 151.0190, 51.2626, -62.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 167, 255) }
```

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

```
.background{ background-color: rgb(80, 167,  
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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