

Converting Colors

YUV(147.1070, 31.0062,
-51.8368)

Have a look what the booklet for
YUV(147.1070, 31.0062, -51.8368)
contains.

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Color

**YUV(147.1070, 31.0062,
-51.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	58A5D2
RGB	88, 165, 210
RGB Percent	35%, 65%, 82%
CMY	0.6549, 0.3529, 0.1765
CMYK	0.58, 0.21, 0.00, 0.18
HSL	202°, 58%, 58%
HSV	202°, 58%, 82%
XYZ	29.1125, 33.6381, 65.9312
YIQ	147.1070, -60.3370, -2.3290

Conversions

Conversions Part 2

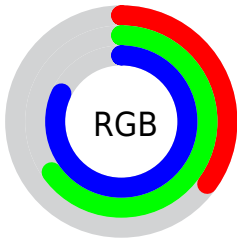
Format	Color
R_{YB}	88, 135, 210
Decimal	5809618
CIE _{Lab}	64.67, -10.69, -30.11
CIE _{LCh}	65, 31.951, 250.449
Yxy	33.6381, 0.2262, 0.2614
Android (android.graphics.Color)	4283999698 (0xFF58A5D2)
YUV	147.1070, 31.0062, -51.8368
Hunter-Lab	57.9984, -11.8984, -26.8006

Details

The YUV color **147.1070, 31.0062, -51.8368** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **150.8930, -31.0062, 51.8368**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1630, 26.0486, -48.3780**, and **86.9910, 33.5284, -67.5211** is the 20% darker color. If you saturate the color by 10%, you get **136.1320, 36.4169, -60.6288**, and if you desaturate by 10%, it is **158.0820, 25.5956, -43.0449**.

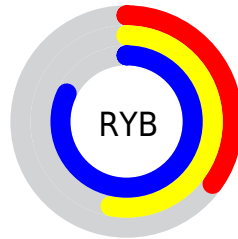
Distribution



Red (35%)

Green (65%)

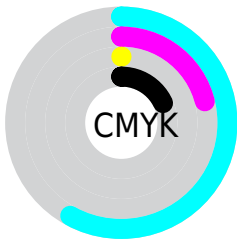
Blue (82%)



Red (35%)

Yellow (53%)

Blue (82%)

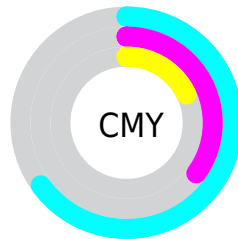


Cyan (58%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (65%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1070, 31.0062, -51.8368 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 147.1070, 31.0062, -51.8368 by changing the saturation by 10% instead.

■ 147.1070, 31.0062,
-51.8368

■ 147.1070, 31.0062,
-51.8368

■ 255.0000, 0.0000,
0.0000

■ 119.0850, 31.0171,
-55.3255

■ 202.1630, 26.0486,
-48.3780

■ 86.9910, 33.5284,
-67.5211

■ 227.2700, 13.6709,
-44.9638

■ 66.9490, 30.5911,
-58.7143

■ 240.0500, 7.3704,
-30.7388

■ 50.5980, 26.3272,
-44.3744

■ 249.0200, 2.9481,
-12.2955

■ 34.9480, 22.2106,
-30.6494

■ 20.4720, 17.5153,
-17.9539

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 147.1070, 31.0062,
-51.8368

■ 147.1070, 31.0062,
-51.8368

■ 136.1320, 36.4169,
-60.6288

■ 158.0820, 25.5956,
-43.0449

■ 125.7440, 41.5382,
-69.9355

■ 168.4700, 20.4743,
-33.7382

■ 114.7690, 46.9489,
-78.7274

■ 179.4450, 15.0636,
-24.9463

■ 103.7940, 52.3596,
-87.5193

■ 190.4200, 9.6529,
-16.1543

■ 102.0110, 53.2386,
-89.4636

■ 201.3950, 4.2423,
-7.3624

■ 211.7830, -0.8790,
1.9443

■ 222.7580, -6.2897,
10.7362

■ 233.4340,
-11.5530, 18.9134

■ 238.1300,
-13.8681, 14.7950

Harmonies

Analogous

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



139.1230, 26.5614, -72.8989



147.1070, 31.0062, -51.8368



155.6210, 28.2878, -19.8386

Triad

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



147.1070, 31.0062, -51.8368



159.8040, -5.8194, 46.6529



150.6890, -18.5807, -13.7593

Complementary

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



147.1070, 31.0062, -51.8368



150.8930, -31.0062, 51.8368

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.



153.7800, -26.5135, 10.7169



147.1070, 31.0062, -51.8368



158.4650, -18.4702, 44.3192

Square

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



147.1070, 31.0062, -51.8368



161.2830, 7.7485, 34.8318



156.7270, -25.9944, 30.9344



146.1940, -4.5326, -39.6351

Rectangle

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



147.1070, 31.0062, -51.8368



159.0860, 23.1286, 1.6786



156.7270, -25.9944, 30.9344



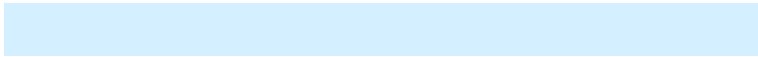
152.1200, -22.2442, -5.3672

Sweetspot

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



147.1070, 31.0062, -51.8368



232.7510, 10.9688, -18.1986



164.7440, -15.6498, -67.3045



114.3560, 6.7265, -10.8362



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.



147.1070, 31.0062, -51.8368



163.0360, 45.3383, -75.4536



111.3000, 48.6591, -20.4341



99.3630, 2.7790, -4.7034



81.3740, 42.7066, -71.3650



19.9360, 10.3846, -17.4839

Inverse Universe

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



133.2560, 15.6498, 67.3045



142.9900, 22.6829, 98.2328



186.7000, -48.6591, 20.4341



98.0870, 1.4361, 6.0627



62.3160, 21.5362, 92.6849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 147.1070, 31.0062, -51.8368 looks on a white background.

Color Contrast Check

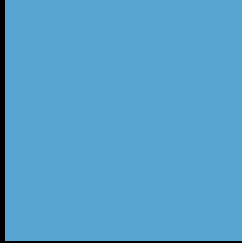
Large Text (above 18pt) WCAG AA × Fail

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 147.1070, 31.0062, -51.8368 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 147.1070, 31.0062, -51.8368

Background



This preview shows how black text looks on a background with the YUV color 147.1070, 31.0062, -51.8368.

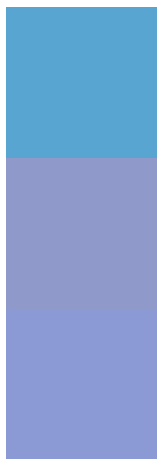


This preview shows how white text looks on a background with the YUV color 147.1070, 31.0062, -51.8368.

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

147.1070, 31.0062, -51.8368

Protanopia

156.1830, 22.5878, -11.5615

Deuteranopia

156.1270, 27.5454, -15.0204



Tritanopia

143.6750, 19.3872, -58.4740

Trichromacy



Original Color

147.1070, 31.0062, -51.8368

Protanomaly

152.8930, 25.6888, -26.2162

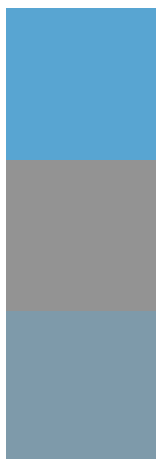
Deuteranomaly

152.6800, 28.7518, -28.6604

Tritanomaly

144.8370, 23.7444, -55.9850

Monochromacy



Original Color

147.1070, 31.0062, -51.8368

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.4520, 11.1162, -18.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1070, 31.0062, -51.8368 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(88, 165, 210)` looks like.

```
.text, #text, p{  
    color:rgb(88, 165, 210)  
}
```

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(88, 165, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 165, 210) }
```

Border

The CSS property to change the border of an element to YUV 147.1070, 31.0062, -51.8368 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(88, 165, 210) }
```


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

```
.border{ border-color:rgb(88, 165, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 165, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 165, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 165, 210);  
box-shadow:4px 4px 4px 4px rgb(88, 165,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 147.1070, 31.0062, -51.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 165, 210) }
```

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

```
.background{ background-color: rgb(88, 165,  
210) }
```

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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