

Converting Colors

YUV(151.0800, 45.3166,
-68.4762)

Have a look what the booklet for
YUV(151.0800, 45.3166, -68.4762)
contains.

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Color

**YUV(151.0800, 45.3166,
-68.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	49ADF3
RGB	73, 173, 243
RGB Percent	29%, 68%, 95%
CMY	0.7137, 0.3216, 0.0471
CMYK	0.70, 0.29, 0.00, 0.05
HSL	205°, 88%, 62%
HSV	205°, 70%, 95%
XYZ	33.8689, 37.7747, 90.3002
YIQ	151.0800, -82.0700, 0.5700

Conversions

Conversions Part 2

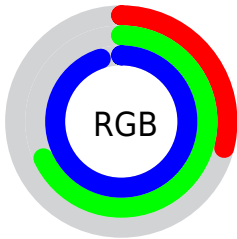
Format	Color
R _{YB}	73, 136, 243
Decimal	4828659
CIE Lab	67.85, -6.96, -43.33
CIE LCh	68, 43.885, 260.873
Yxy	37.7747, 0.2091, 0.2333
Android (android.graphics.Color)	4283018739 (0xFF49ADF3)
YUV	151.0800, 45.3166, -68.4762
Hunter-Lab	61.4611, -9.1923, -44.0876

Details

The YUV color **151.0800, 45.3166, -68.4762** 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 **164.9200, -45.3166, 68.4762**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4670, 24.9128, -57.4146**, and **92.2310, 46.2281, -80.8866** is the 20% darker color. If you saturate the color by 10%, you get **138.0340, 51.7482, -78.0828**, and if you desaturate by 10%, it is **164.1260, 38.8849, -58.8695**.

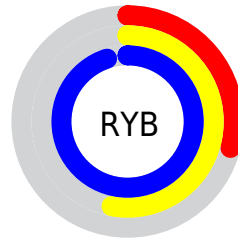
Distribution



Red (29%)

Green (68%)

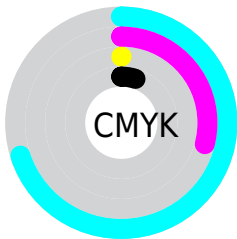
Blue (95%)



Red (29%)

Yellow (53%)

Blue (95%)

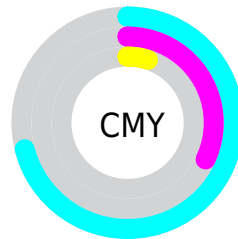


Cyan (70%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0800, 45.3166, -68.4762 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 151.0800, 45.3166, -68.4762 by changing the saturation by 10% instead.

■ 151.0800, 45.3166,
-68.4762

■ 151.0800, 45.3166,
-68.4762

■ 255.0000, 0.0000,
0.0000

■ 118.1600, 47.2491,
-81.7013

■ 204.4670, 24.9128,
-57.4146

■ 92.2310, 46.2281,
-80.8866

■ 229.5850, 12.5296,
-52.2560

■ 74.4780, 41.6693,
-65.3172

■ 238.8540, 7.9600,
-33.1980

■ 58.0130, 36.9686,
-50.8774

■ 248.1230, 3.3904,
-14.1399

■ 42.1350, 31.9784,
-36.9524

■ 27.5450, 26.8463,
-24.1570

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 151.0800, 45.3166,
-68.4762

■ 151.0800, 45.3166,
-68.4762

■ 138.0340, 51.7482,
-78.0828

■ 164.1260, 38.8849,
-58.8695

■ 124.6890, 58.3273,
-88.3043

■ 177.4710, 32.3058,
-48.6481

■ 111.6430, 64.7590,
-97.9109

■ 190.5170, 25.8741,
-39.0414

■ 203.5630, 19.4424,
-29.4348

■ 216.6090, 13.0108,
-19.8281

■ 229.9540, 6.4317,
-9.6067

■ 243.0000, 0.0000,
0.0000

■ 252.4580, -4.6628,
2.2293

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



132.5980, 46.0472, -116.2884



151.0800, 45.3166, -68.4762



166.0160, 35.9811, -14.0460

Triad

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



151.0800, 45.3166, -68.4762



167.1500, -13.8779, 64.7665



153.3400, -19.3946, -32.7472

Complementary

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



151.0800, 45.3166, -68.4762



164.9200, -45.3166, 68.4762

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.



159.5480, -34.7802, 2.1504



151.0800, 45.3166, -68.4762



165.2570, -29.7067, 55.0256

Square

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



151.0800, 45.3166, -68.4762



168.7310, 5.0626, 56.3639



163.2360, -38.0773, 33.1190



141.6560, 4.6066, -77.7513

Rectangle

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



151.0800, 45.3166, -68.4762



169.3250, 27.4478, 16.3780



163.2360, -38.0773, 33.1190



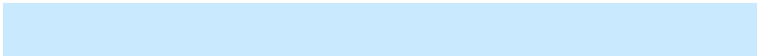
156.1090, -25.6897, -20.2666

Sweetspot

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



151.0800, 45.3166, -68.4762



225.9400, 14.3266, -21.8724



180.5420, -19.4942, -94.3143



110.2140, 8.7685, -12.4657



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.



151.0800, 45.3166, -68.4762



139.3580, 57.0115, -86.2600



102.3590, 69.3360, -25.7478



115.4770, 3.2158, -4.8033



85.7740, 49.4114, -75.2238



27.2710, 15.6424, -23.9167

Inverse Universe

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



135.2300, 18.6206, 94.5143



119.3500, 23.4915, 118.9651



213.6410, -69.3360, 25.7478



114.3860, 1.2887, 6.6775



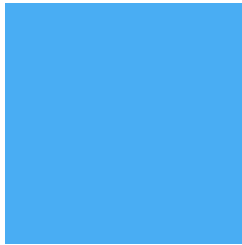
68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 151.0800, 45.3166, -68.4762 looks on a white background.

Color Contrast Check

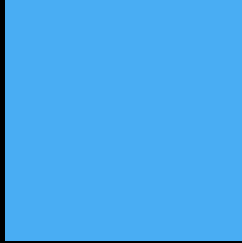
Large Text (above 18pt) WCAG AA × Fail

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 151.0800, 45.3166, -68.4762 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

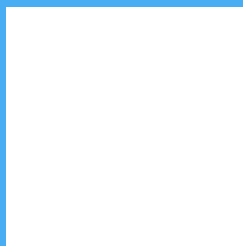
Any Text WCAG AAA ✓ Pass

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

YUV 151.0800, 45.3166, -68.4762 Background



This preview shows how black text looks on a background with the YUV color 151.0800, 45.3166, -68.4762.

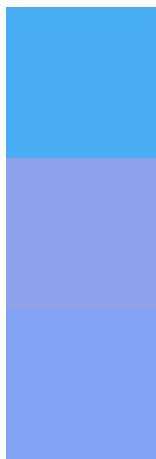


This preview shows how white text looks on a background with the YUV color 151.0800, 45.3166, -68.4762.

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

151.0800, 45.3166, -68.4762

Protanopia

163.9290, 34.5450, -20.1087

Deuteranopia

161.8830, 40.9767, -29.7154



Tritanopia

140.6540, 27.7786, -90.0276

Trichromacy



Original Color

151.0800, 45.3166, -68.4762

Protanomaly

159.1440, 38.3830, -37.8373

Deuteranomaly

158.1370, 42.3305, -43.9701

Tritanomaly

144.7180, 34.1560, -82.1907

Monochromacy



Original Color

151.0800, 45.3166, -68.4762

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0860, 16.2266, -24.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0800, 45.3166, -68.4762 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(73, 173, 243)` looks like.

```
.text, #text, p{  
    color:rgb(73, 173, 243)  
}
```

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(73, 173, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 173, 243) }
```

Border

The CSS property to change the border of an element to YUV 151.0800, 45.3166, -68.4762 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(73, 173, 243) }
```


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

```
.border{ border-color:rgb(73, 173, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 173, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 173, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 173, 243);  
box-shadow:4px 4px 4px 4px rgb(73, 173,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 151.0800, 45.3166, -68.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 173, 243) }
```

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

```
.background{ background-color: rgb(73, 173,  
243) }
```

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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