

Converting Colors

YUV(150.4100, 51.5629,
-65.2576)

Have a look what the booklet for
YUV(150.4100, 51.5629, -65.2576)
contains.

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Color

**YUV(150.4100, 51.5629,
-65.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA8FF
RGB	76, 168, 255
RGB Percent	30%, 66%, 100%
CMY	0.7020, 0.3412, 0.0000
CMYK	0.70, 0.34, 0.00, 0.00
HSL	209°, 100%, 65%
HSV	209°, 70%, 100%
XYZ	35.0331, 36.7618, 99.8570
YIQ	150.4100, -82.7590, 7.5530

Conversions

Conversions Part 2

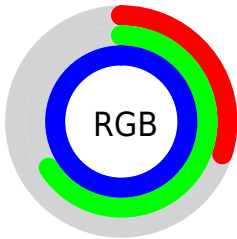
Format	Color
R_{YB}	76, 137, 255
Decimal	5023999
CIE _{Lab}	67.10, 0.31, -51.04
CIE _{LCh}	67, 51.042, 270.353
Yxy	36.7618, 0.2041, 0.2142
Android (android.graphics.Color)	4283214079 (0xFF4CA8FF)
YUV	150.4100, 51.5629, -65.2576
Hunter-Lab	60.6315, -2.9670, -55.2056

Details

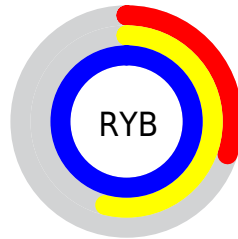
The YUV color **150.4100, 51.5629, -65.2576** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **180.5900, -51.5629, 65.2576**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7280, 25.7701, -52.3815**, and **90.6640, 52.9166, -79.5123** is the 20% darker color. If you saturate the color by 10%, you get **135.8910, 58.7207, -74.4494**, and if you desaturate by 10%, it is **165.2280, 44.2576, -55.4510**.

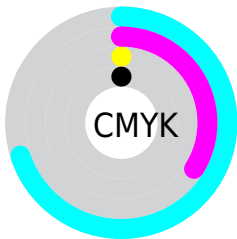
Distribution



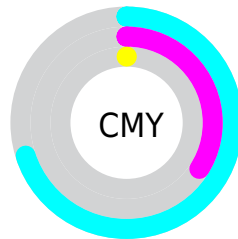
- Red (30%)
- Green (66%)
- Blue (100%)



- Red (30%)
- Yellow (54%)
- Blue (100%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.4100, 51.5629, -65.2576 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 150.4100, 51.5629, -65.2576 by changing the saturation by 10% instead.

■ 150.4100, 51.5629,
-65.2576

■ 150.4100, 51.5629,
-65.2576

255.0000, 0.0000,
0.0000

■ 117.4900, 53.4954,
-78.4827

■ 202.7280, 25.7701,
-52.3815

■ 90.6640, 52.9166,
-79.5123

■ 228.4330, 13.0975,
-47.7377

■ 73.3840, 47.6317,
-64.3578

■ 240.0500, 7.3704,
-30.7388

■ 56.8050, 42.4941,
-49.8180

■ 249.3190, 2.8007,
-11.6808

■ 41.5140, 37.2146,
-36.4078

■ 26.9240, 32.0825,
-23.6123

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 150.4100, 51.5629,
-65.2576

■ 150.4100, 51.5629,
-65.2576

■ 135.8910, 58.7207,
-74.4494

■ 165.2280, 44.2576,
-55.4510

■ 120.4860, 66.3154,
-83.7412

■ 180.3340, 36.8103,
-46.7739

■ 105.9670, 73.4733,
-92.9331

■ 195.1520, 29.5051,
-36.9673

■ 210.2580, 22.0578,
-28.2903

■ 225.0760, 14.7525,
-18.4837

■ 239.5950, 7.5947,
-9.2918

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.



133.2480, 53.6147, -116.8585



150.4100, 51.5629, -65.2576



165.9730, 37.9743, 0.0237

Triad

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



150.4100, 51.5629, -65.2576



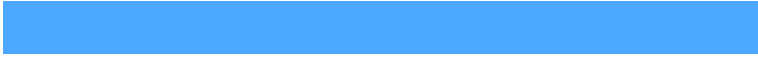
163.1420, -21.7620, 73.5435



145.1630, -14.3774, -55.3940

Complementary

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



150.4100, 51.5629, -65.2576



180.5900, -51.5629, 65.2576

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.



154.0150, -36.4894, -9.6602



150.4100, 51.5629, -65.2576



161.6780, -38.2953, 56.4104

Square

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



150.4100, 51.5629, -65.2576



165.1520, -0.0749, 70.9037



158.7700, -44.7496, 26.5117



127.6500, 16.9346, -111.9490

Rectangle

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



150.4100, 51.5629, -65.2576



168.1960, 26.5254, 32.2771



158.7700, -44.7496, 26.5117



148.6830, -23.0147, -38.3100

Sweetspot

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



150.4100, 51.5629, -65.2576



223.5920, 15.4841, -19.8132



190.9910, -13.7996, -100.8471



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.



150.4100, 51.5629, -65.2576



129.9660, 61.6418, -78.0232



98.1670, 77.3187, -19.4405



120.0040, 3.9420, -4.3885



79.3000, 55.0681, -69.5461



26.6670, 18.4052, -23.3870

Inverse Universe

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



140.0090, 13.7996, 100.8471



117.5260, 16.5027, 120.5647



232.8330, -77.3187, 19.4405



119.5710, 0.7045, 7.3922



68.2810, 14.6515, 107.6246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 150.4100, 51.5629, -65.2576 looks on a white background.

Color Contrast Check

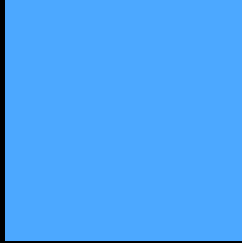
Large Text (above 18pt) WCAG AA × Fail

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 150.4100, 51.5629, -65.2576 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

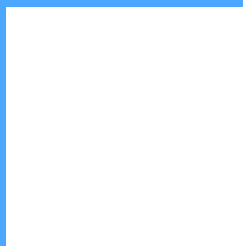
Any Text WCAG AAA ✓ Pass

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

YUV 150.4100, 51.5629, -65.2576 Background



This preview shows how black text looks on a background with the YUV color 150.4100, 51.5629, -65.2576.



This preview shows how white text looks on a background with the YUV color 150.4100, 51.5629, -65.2576.

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

150.4100, 51.5629, -65.2576

Protanopia

160.6600, 42.5656, -26.0118

Deuteranopia

157.3530, 48.1400, -40.6516



Tritanopia

134.4680, 29.8423, -98.6344

Trichromacy



Original Color

150.4100, 51.5629, -65.2576

Protanomaly

156.7830, 45.9560, -40.1517

Deuteranomaly

154.6400, 49.4775, -49.6733

Tritanomaly

140.6080, 37.6613, -86.4792

Monochromacy



Original Color

150.4100, 51.5629, -65.2576

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.3680, 18.5526, -24.0017

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4100, 51.5629, -65.2576 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(76, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(76, 168, 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(76, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 168, 255) }
```

Border

The CSS property to change the border of an element to YUV 150.4100, 51.5629, -65.2576 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(76, 168, 255) }
```


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

```
.border{ border-color:rgb(76, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(76, 168,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 150.4100, 51.5629, -65.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 168, 255) }
```

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

```
.background{ background-color: rgb(76, 168,  
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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