

# Converting Colors

YUV(181.0100, 24.6451,  
-64.9068)

Have a look what the booklet for  
YUV(181.0100, 24.6451, -64.9068)  
contains.

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# Color

**YUV(181.0100, 24.6451,  
-64.9068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD1E7
RGB	107, 209, 231
RGB Percent	42%, 82%, 91%
CMY	0.5804, 0.1804, 0.0941
CMYK	0.54, 0.10, 0.00, 0.09
HSL	191°, 72%, 66%
HSV	191°, 54%, 91%
XYZ	43.2877, 54.4962, 83.8386
YIQ	181.0100, -67.8540, -14.7820

# Conversions

## Conversions Part 2

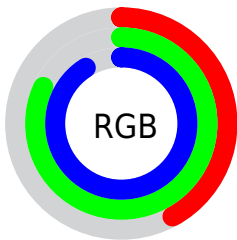
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 163, 231</a>
Decimal	<a href="#">7066087</a>
CIELab	<a href="#">78.75, -23.72, -19.95</a>
CIElCh	<a href="#">79, 30.990, 220.071</a>
Yxy	<a href="#">54.4962, 0.2383, 0.3001</a>
Android (android.graphics.Color)	<a href="#">4285256167 (0xFF6BD1E7)</a>
YUV	<a href="#">181.0100, 24.6451, -64.9068</a>
Hunter-Lab	<a href="#">73.8216, -24.5185, -15.6601</a>

# Details

The YUV color **181.0100, 24.6451, -64.9068** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.9900, -24.6451, 64.9068**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3890, 13.1192, -54.7152**, and **122.0090, 26.1246, -72.7989** is the 20% darker color. If you saturate the color by 10%, you get **171.7850, 29.1930, -76.9874**, and if you desaturate by 10%, it is **190.2350, 20.0971, -52.8261**.

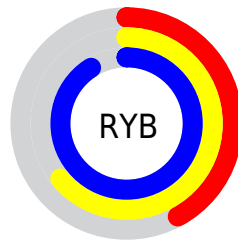
# Distribution



Red (42%)

Green (82%)

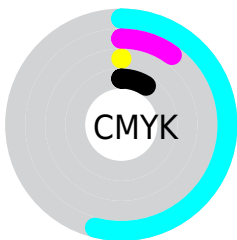
Blue (91%)



Red (42%)

Yellow (64%)

Blue (91%)

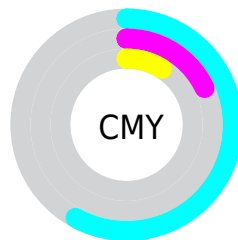


Cyan (54%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (58%)

Magenta (18%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.0100, 24.6451, -64.9068 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 181.0100, 24.6451, -64.9068 by changing the saturation by 10% instead.



181.0100, 24.6451,  
-64.9068

181.0100, 24.6451,  
-64.9068

255.0000, 0.0000,  
0.0000

152.1130, 25.0873,  
-66.7511

228.3890, 13.1192,  
-54.7152

122.0090, 26.1246,  
-72.7989

237.3590, 8.6970,  
-36.2718

92.1220, 28.0409,  
-80.7910

246.3290, 4.2748,  
-17.8285

74.4830, 23.9189,  
-65.3216

57.5450, 19.9443,  
-50.4670

40.7210, 16.4065,  
-35.7123

25.7720, 12.4374,

-22.6020

■ 4.7080, 12.9620,  
-4.1289

■ 0.1140, 0.4368,  
-0.1000

■ 181.0100, 24.6451,  
-64.9068

■ 181.0100, 24.6451,  
-64.9068

■ 171.7850, 29.1930,  
-76.9874

■ 190.2350, 20.0971,  
-52.8261

■ 162.5600, 33.7409,  
-89.0681

■ 199.4600, 15.5492,  
-40.7454

■ 153.3350, 38.2888,  
-101.1488

■ 208.6850, 11.0013,  
-28.6647

■ 144.1100, 42.8368,  
-113.2295

■ 217.9100, 6.4534,  
-16.5841

■ 137.8640, 45.9160,  
-120.9067

■ 227.4340, 1.7580,  
-3.8886

■ 237.2460, -3.0793,  
7.6773

■ 242.2850, -5.5635,  
11.1511

■ 244.6330, -6.7211,  
9.0919

■ 246.9810, -7.8786,  
7.0327

# Harmonies

## Analogous

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



180.9000, 11.3883, -59.5483



181.0100, 24.6451, -64.9068



186.9010, 30.1218, -48.1482

# Triad

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



181.0100, 24.6451, -64.9068



199.5820, 7.6011, 35.4466



192.3780, -26.8084, 11.9465

# Complementary

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



181.0100, 24.6451, -64.9068



156.9900, -24.6451, 64.9068

# 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.



195.2110, -26.7260, 32.2640



181.0100, 24.6451, -64.9068



198.9890, -6.4036, 47.3676

# Square

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



181.0100, 24.6451, -64.9068



198.3430, 20.0439, 11.1002



197.0630, -18.7651, 45.5487



188.8740, -19.1649, -13.0445



# Rectangle

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



181.0100, 24.6451, -64.9068



192.1960, 29.4834, -29.9899



197.0630, -18.7651, 45.5487



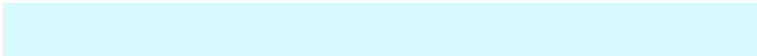
193.1940, -27.7036, 19.1239

# Sweetspot

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



181.0100, 24.6451, -64.9068



238.6320, 8.0694, -21.6023



182.1820, -26.7117, -65.9346



117.5900, 5.1321, -12.7954



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.



181.0100, 24.6451, -64.9068



189.2400, 32.4197, -85.2795



145.2030, 42.2979, -33.5040



110.2380, 2.3477, -6.3477



106.6950, 35.6464, -93.5715



30.4680, 10.1223, -26.7204



# Inverse Universe

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



155.7040, 26.2749, 66.0346



156.0130, 34.5036, 86.8116



192.7970, -42.2979, 33.5040



107.7280, 2.5991, 6.3775



70.2790, 37.8235, 95.3483

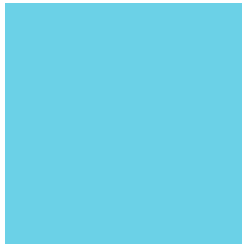


20.0370, 10.8278, 27.1546



# Previews

## White Background



This preview shows how the YUV color 181.0100, 24.6451, -64.9068 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

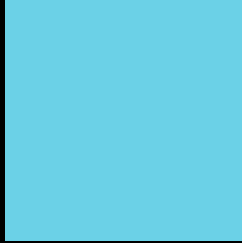
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.0100, 24.6451, -64.9068 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 181.0100, 24.6451, -64.9068 Background



This preview shows how black text looks on a background with the YUV color 181.0100, 24.6451, -64.9068.



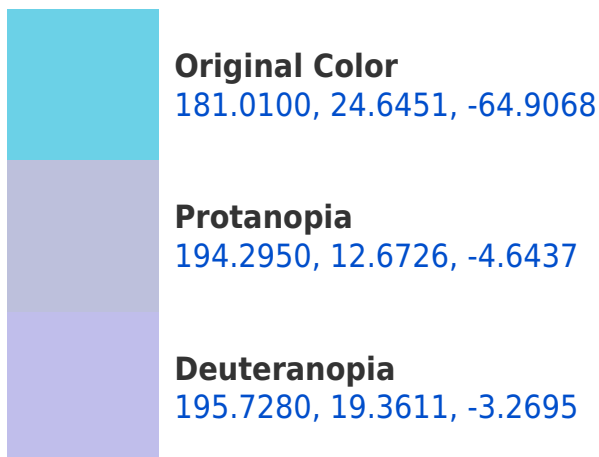
This preview shows how white text looks on a background with the YUV color 181.0100, 24.6451, -64.9068.

-64.9068.

# 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





## Tritanopia

180.5430, 22.9033, -66.2512

# Trichromacy



## Original Color

181.0100, 24.6451, -64.9068

## Protanomaly

189.3030, 17.1056, -26.5757

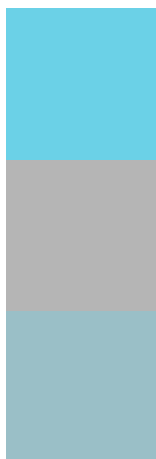
## Deuteranomaly

190.4540, 21.4682, -25.8312

## Tritanomaly

180.9560, 23.1927, -65.7364

# Monochromacy



## Original Color

181.0100, 24.6451, -64.9068

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

180.8490, 8.9484, -23.5466

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.0100, 24.6451, -64.9068 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(107, 209, 231)` looks like.

```
.text, #text, p{  
    color:rgb(107, 209, 231)  
}
```

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(107, 209, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 209, 231) }
```

## Border

The CSS property to change the border of an element to YUV 181.0100, 24.6451, -64.9068 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(107, 209, 231) }
```



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

```
.border{ border-color:rgb(107, 209, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 209, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 209, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 209, 231);  
box-shadow:4px 4px 4px 4px rgb(107, 209,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 181.0100, 24.6451, -64.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 209, 231) }
```

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

```
.background{ background-color: rgb(107,  
209, 231) }
```

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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