

Converting Colors

YUV(181.5480, 28.8168,
-49.5926)

Have a look what the booklet for
YUV(181.5480, 28.8168, -49.5926)
contains.

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Color

**YUV(181.5480, 28.8168,
-49.5926)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC7F0
RGB	125, 199, 240
RGB Percent	49%, 78%, 94%
CMY	0.5098, 0.2196, 0.0588
CMYK	0.48, 0.17, 0.00, 0.06
HSL	201°, 79%, 72%
HSV	201°, 48%, 94%
XYZ	44.6090, 51.4981, 90.0271
YIQ	181.5480, -57.2650, -2.9370

Conversions

Conversions Part 2

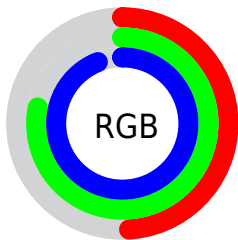
Format	Color
R _Y B	125, 170, 240
Decimal	8243184
CIE Lab	76.98, -12.21, -27.41
CIE LCh	77, 30.002, 245.988
Yxy	51.4981, 0.2397, 0.2767
Android (android.graphics.Color)	4286433264 (0xFF7DC7F0)
YUV	181.5480, 28.8168, -49.5926
Hunter-Lab	71.7622, -14.6240, -24.1470

Details

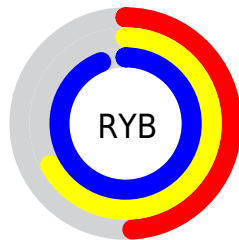
The YUV color **181.5480, 28.8168, -49.5926** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **183.4520, -28.8168, 49.5926**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **125.8250, 28.6803, -52.4665** is the 20% darker color. If you saturate the color by 10%, you get **169.0890, 34.9591, -59.7141**, and if you desaturate by 10%, it is **194.0070, 22.6745, -39.4711**.

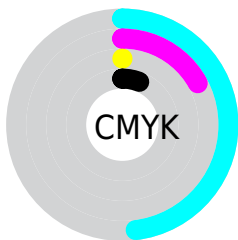
Distribution



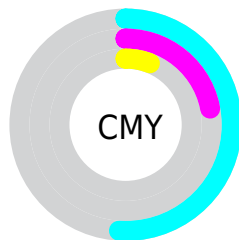
- Red (49%)
- Green (78%)
- Blue (94%)



- Red (49%)
- Yellow (67%)
- Blue (94%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (51%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.5480, 28.8168, -49.5926 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 181.5480, 28.8168, -49.5926 by changing the saturation by 10% instead.

■ 181.5480, 28.8168,
-49.5926

■ 181.5480, 28.8168,
-49.5926

■ 255.0000, 0.0000,
0.0000

■ 153.8360, 28.6749,
-50.7222

■ 233.4720, 10.6133,
-44.2639

■ 125.8250, 28.6803,
-52.4665

■ 242.1430, 6.3385,
-26.4354

■ 96.7210, 29.7175,
-58.5143

■ 251.1130, 1.9163,
-7.9921

■ 70.6990, 29.7284,
-62.0030

■ 53.6470, 25.3170,
-47.0484

■ 37.9970, 21.2005,
-33.3234

■ 23.6350, 16.9419,

-20.7279

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 181.5480, 28.8168,
-49.5926

■ 181.5480, 28.8168,
-49.5926

■ 169.0890, 34.9591,
-59.7141

■ 194.0070, 22.6745,
-39.4711

■ 157.2170, 40.8120,
-70.3503

■ 205.8790, 16.8217,
-28.8349

■ 144.7580, 46.9543,
-80.4718

■ 218.3380, 10.6794,
-18.7134

■ 132.8860, 52.8072,
-91.1080

■ 230.2100, 4.8265,
-8.0772

■ 120.4270, 58.9495,
-101.2295

■ 242.6690, -1.3158,
2.0443

■ 117.7580, 60.2653,
-103.2738

■ 250.3550, -5.1050,
4.0737

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



176.4510, 22.4557, -62.6625



181.5480, 28.8168, -49.5926



188.7840, 27.7145, -22.6126

Triad

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



181.5480, 28.8168, -49.5926



194.1350, -4.5036, 44.6086



184.6680, -20.0493, -9.3558

Complementary

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



181.5480, 28.8168, -49.5926



183.4520, -28.8168, 49.5926

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.



187.9160, -26.0876, 14.1057



181.5480, 28.8168, -49.5926



192.6330, -16.5811, 45.0489

Square

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



181.5480, 28.8168, -49.5926



194.6030, 9.0697, 31.0432



190.6780, -24.9843, 33.6084



181.2440, -7.0223, -34.4170

Rectangle

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



181.5480, 28.8168, -49.5926



191.8790, 23.7237, -2.5249



190.6780, -24.9843, 33.6084



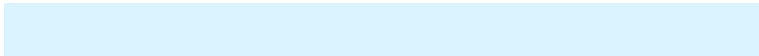
186.3270, -22.8392, -1.1638

Sweetspot

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



181.5480, 28.8168, -49.5926



236.6050, 9.0687, -15.4396



197.0650, -15.8080, -63.2010



116.7260, 5.5581, -9.4067



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.



181.5480, 28.8168, -49.5926



179.6370, 37.1540, -63.7026



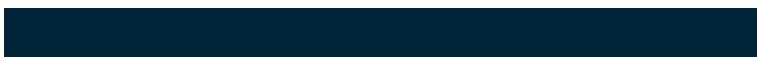
148.0890, 45.3121, -20.2491



114.0640, 2.9264, -5.3181



90.2420, 46.2227, -79.1422



27.5160, 14.0426, -24.1315

Inverse Universe

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



167.8210, 15.3712, 63.3010



162.0820, 19.6796, 81.4891



216.9110, -45.3121, 20.2491



112.5000, 1.7255, 6.5775



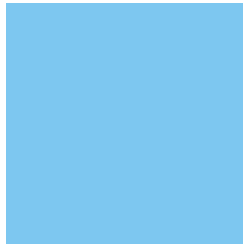
68.4680, 24.4193, 101.3216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 181.5480, 28.8168, -49.5926 looks on a white background.

Color Contrast Check

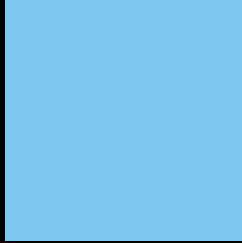
Large Text (above 18pt) WCAG AA × Fail

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 181.5480, 28.8168, -49.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

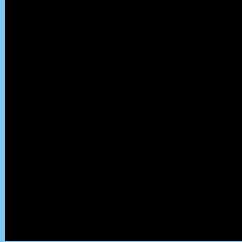
Any Text WCAG AA ✓ Pass

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 181.5480, 28.8168, -49.5926 Background



This preview shows how black text looks on a background with the YUV color 181.5480, 28.8168, -49.5926.



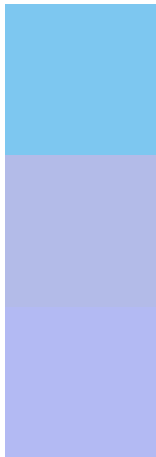
This preview shows how white text looks on a background with the YUV color 181.5480, 28.8168, -49.5926.

-49.5926.

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

181.5480, 28.8168, -49.5926

Protanopia

189.7380, 20.8352, -9.4172

Deuteranopia

190.4050, 25.9293, -10.0022



Tritanopia

179.4090, 19.5184, -53.8557

Trichromacy



Original Color

181.5480, 28.8168, -49.5926

Protanomaly

186.4480, 23.9361, -24.0719

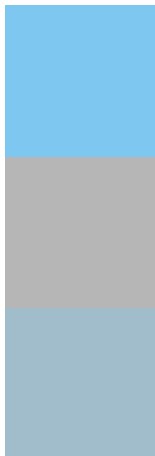
Deuteranomaly

187.2460, 26.9937, -24.7717

Tritanomaly

180.6310, 22.8599, -52.2964

Monochromacy



Original Color

181.5480, 28.8168, -49.5926

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.6370, 10.5320, -18.0986

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.5480, 28.8168, -49.5926 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(125, 199, 240)` looks like.

```
.text, #text, p{  
    color:rgb(125, 199, 240)  
}
```

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(125, 199, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 199, 240) }
```

Border

The CSS property to change the border of an element to YUV 181.5480, 28.8168, -49.5926 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(125, 199, 240) }
```


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

```
.border{ border-color:rgb(125, 199, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 199, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 199, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 199, 240); box-shadow:4px 4px 4px 4px rgb(125, 199, 240) }
```

Background

The CSS property to change the background color of an element to YUV 181.5480, 28.8168, -49.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 199, 240) }
```

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

```
.background{ background-color: rgb(125,  
199, 240) }
```

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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