

Converting Colors

YUV(180.9310, 31.0930,
-79.7465)

Have a look what the booklet for
YUV(180.9310, 31.0930, -79.7465)
contains.

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Color

**YUV(180.9310, 31.0930,
-79.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD7F4
RGB	90, 215, 244
RGB Percent	35%, 84%, 96%
CMY	0.6471, 0.1569, 0.0431
CMYK	0.63, 0.12, 0.00, 0.04
HSL	191°, 88%, 65%
HSV	191°, 63%, 96%
XYZ	44.8460, 57.3062, 94.2855
YIQ	180.9310, -83.8090, -17.4810

Conversions

Conversions Part 2

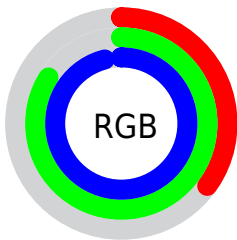
Format	Color
RYB	90, 159, 244
Decimal	5953524
CIELab	80.35, -26.06, -24.51
CIElCh	80, 35.770, 223.246
Yxy	57.3062, 0.2283, 0.2917
Android (android.graphics.Color)	4284143604 (0xFF5AD7F4)
YUV	180.9310, 31.0930, -79.7465
Hunter-Lab	75.7009, -26.7311, -20.8552

Details

The YUV color **180.9310, 31.0930, -79.7465** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **153.0690, -31.0930, 79.7465**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **115.3520, 35.8155, -101.1637** is the 20% darker color. If you saturate the color by 10%, you get **170.8200, 36.0777, -91.9271**, and if you desaturate by 10%, it is **191.0420, 26.1083, -67.5658**.

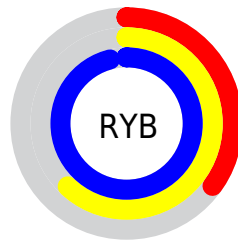
Distribution



Red (35%)

Green (84%)

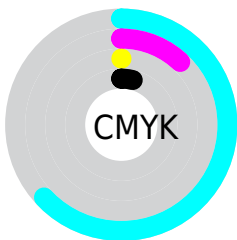
Blue (96%)



Red (35%)

Yellow (62%)

Blue (96%)

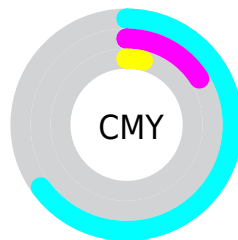


Cyan (63%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9310, 31.0930, -79.7465 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 180.9310, 31.0930, -79.7465 by changing the saturation by 10% instead.

180.9310, 31.0930,
-79.7465

180.9310, 31.0930,
-79.7465

255.0000, 0.0000,
0.0000

149.9410, 32.5671,
-85.8943

224.8010, 14.8881,
-62.0925

115.3520, 35.8155,
-101.1637

234.0700, 10.3185,
-43.0344

97.0120, 31.5461,
-85.0795

243.0400, 5.8963,
-24.5911

78.6720, 27.2767,
-68.9953

252.3090, 1.3267,
-5.5330

61.1470, 23.5915,
-53.6259

44.9100, 19.7644,
-39.3861

29.2600, 15.6478,

-25.6610

■ 7.4950, 16.0250,
-6.5731

■ 2.5250, 7.1362,
-2.2144

■ 180.9310, 31.0930,
-79.7465

■ 180.9310, 31.0930,
-79.7465

■ 170.8200, 36.0777,
-91.9271

■ 191.0420, 26.1083,
-67.5658

■ 160.9970, 40.9205,
-105.2374

■ 200.8650, 21.2656,
-54.2556

■ 150.8860, 45.9052,
-117.4180

■ 210.9760, 16.2808,
-42.0750

■ 144.0420, 49.2793,
-126.3248

■ 220.7990, 11.4381,
-28.7647

230.9100, 6.4534,
-16.5841

241.0210, 1.4686,
-4.4034

249.0500, -2.4896,
5.2182

251.9850, -3.9366,
2.6442

253.7460, -4.8048,
1.0998

Harmonies

Analogous

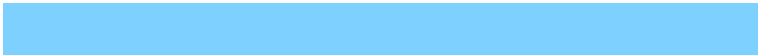
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180.9520, 15.7997, -74.5029



180.9310, 31.0930, -79.7465



188.8400, 32.6169, -55.1107

Triad

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



180.9310, 31.0930, -79.7465



203.9250, 7.4320, 43.0388



196.0420, -30.5867, 10.4872

Complementary

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



180.9310, 31.0930, -79.7465



153.0690, -31.0930, 79.7465

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.



199.0820, -31.0994, 35.0081



180.9310, 31.0930, -79.7465



199.5870, -6.6984, 48.5972

Square

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



180.9310, 31.0930, -79.7465



203.8320, 21.7748, 15.9333



199.5750, -21.9755, 48.6077



191.7870, -20.6010, -19.1072

Rectangle

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



180.9310, 31.0930, -79.7465



194.8970, 29.6308, -30.6047



199.5750, -21.9755, 48.6077



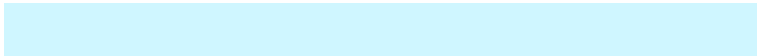
196.7550, -31.9242, 19.5089

Sweetspot

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



180.9310, 31.0930, -79.7465



235.3650, 9.6801, -24.8761



183.5900, -32.3359, -82.0784



115.5080, 6.1586, -15.3545



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.



180.9310, 31.0930, -79.7465



175.8620, 39.0150, -100.7340



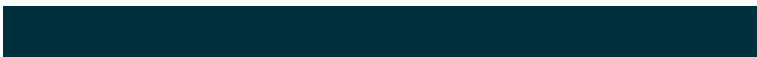
136.3190, 53.0867, -40.6218



117.2380, 2.3477, -6.3477



109.8410, 37.5464, -96.3306



34.9020, 11.8803, -30.6091

Inverse Universe

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



150.2960, 31.8991, 82.1784



137.0180, 40.4171, 103.4702



197.6810, -53.0867, 40.6218



114.7280, 2.5991, 6.3775



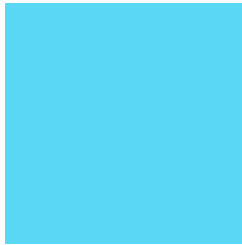
72.8280, 38.5388, 99.2518



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 180.9310, 31.0930, -79.7465 looks on a white background.

Color Contrast Check

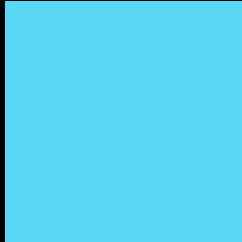
Large Text (above 18pt) WCAG AA × Fail

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 180.9310, 31.0930, -79.7465 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 180.9310, 31.0930, -79.7465 Background



This preview shows how black text looks on a background with the YUV color 180.9310, 31.0930, -79.7465.

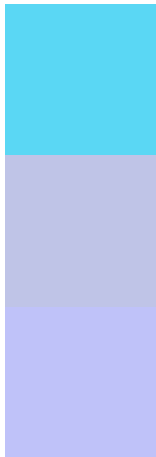


This preview shows how white text looks on a background with the YUV color 180.9310, 31.0930, -79.7465.

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

180.9310, 31.0930, -79.7465

Protanopia

198.4950, 16.0250, -6.5731

Deuteranopia

199.3730, 24.4661, -7.3431



Tritanopia

179.4700, 26.8833, -82.8502

Trichromacy



Original Color

180.9310, 31.0930, -79.7465

Protanomaly

192.1110, 21.6373, -33.4233

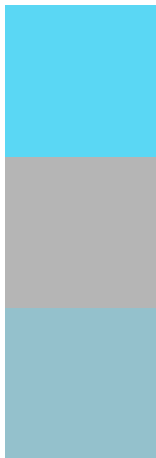
Deuteranomaly

192.7780, 26.7314, -34.0083

Tritanomaly

179.9370, 28.6251, -81.5057

Monochromacy



Original Color

180.9310, 31.0930, -79.7465

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7990, 11.4381, -28.7647

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9310, 31.0930, -79.7465 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(90, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(90, 215, 244)  
}
```

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(90, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 215, 244) }
```

Border

The CSS property to change the border of an element to YUV 180.9310, 31.0930, -79.7465 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(90, 215, 244) }
```


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

```
.border{ border-color:rgb(90, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(90, 215,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 180.9310, 31.0930, -79.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 215, 244) }
```

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

```
.background{ background-color: rgb(90, 215,  
244) }
```

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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