

Converting Colors

YUV(175.8980, 31.1093,
-84.9795)

Have a look what the booklet for
YUV(175.8980, 31.1093, -84.9795)
contains.

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Color

**YUV(175.8980, 31.1093,
-84.9795)**

Conversions

Conversions Part 1

Format	Color
Hex	4FD5EF
RGB	79, 213, 239
RGB Percent	31%, 84%, 94%
CMY	0.6902, 0.1647, 0.0627
CMYK	0.67, 0.11, 0.00, 0.06
HSL	190°, 83%, 62%
HSV	190°, 67%, 94%
XYZ	42.5987, 55.4828, 90.1254
YIQ	175.8980, -88.2100, -20.3220

Conversions

Conversions Part 2

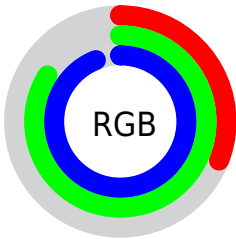
Format	Color
R _Y B	79, 152, 239
Decimal	5232111
CIE Lab	79.32, -28.22, -23.44
CIE LCh	79, 36.684, 219.719
Yxy	55.4828, 0.2263, 0.2948
Android (android.graphics.Color)	4283422191 (0xFF4FD5EF)
YUV	175.8980, 31.1093, -84.9795
Hunter-Lab	74.4867, -28.2683, -19.5973

Details

The YUV color **175.8980, 31.1093, -84.9795** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **142.1020, -31.1093, 84.9795**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **113.6080, 34.2103, -99.6342** is the 20% darker color. If you saturate the color by 10%, you get **166.3740, 35.8046, -97.6750**, and if you desaturate by 10%, it is **185.4220, 26.4140, -72.2841**.

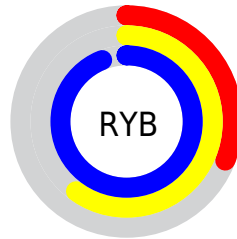
Distribution



Red (31%)

Green (84%)

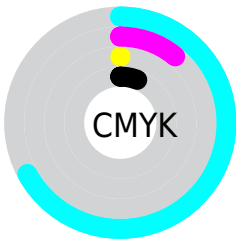
Blue (94%)



Red (31%)

Yellow (60%)

Blue (94%)

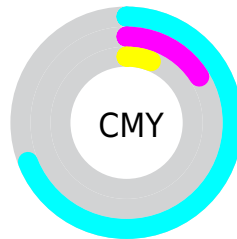


Cyan (67%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (69%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8980, 31.1093, -84.9795 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 175.8980, 31.1093, -84.9795 by changing the saturation by 10% instead.

175.8980, 31.1093,
-84.9795

175.8980, 31.1093,
-84.9795

255.0000, 0.0000,
0.0000

142.8150, 33.6152,
-95.4308

222.1100, 16.2148,
-67.6255

113.6080, 34.2103,
-99.6342

231.3790, 11.6452,
-48.5674

95.2680, 29.9409,
-83.5500

240.6480, 7.0755,
-29.5093

77.0420, 26.1083,
-67.5658

249.9170, 2.5059,
-10.4512

60.1040, 22.1337,
-52.7112

43.2800, 18.5960,
-37.9566

28.2170, 14.1900,

-24.7463

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 175.8980, 31.1093,
-84.9795

■ 175.8980, 31.1093,
-84.9795

■ 166.3740, 35.8046,
-97.6750

■ 185.4220, 26.4140,
-72.2841

■ 156.8500, 40.5000,
-110.3704

■ 194.9460, 21.7186,
-59.5886

■ 147.3260, 45.1953,
-123.0659

■ 204.4700, 17.0233,
-46.8932

■ 144.6460, 46.5165,
-126.8545

■ 213.9940, 12.3280,
-34.1977

■ 222.6320, 8.0694,
-21.6023

■ 232.1560, 3.3741,
-8.9068

■ 241.6800, -1.3212,
3.7886

■ 246.7190, -3.8055,
7.2624

■ 249.0670, -4.9630,
5.2032

Harmonies

Analogous

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



177.3110, 14.6367, -74.8177



175.8980, 31.1093, -84.9795



184.0780, 34.9645, -61.4584

Triad

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



175.8980, 31.1093, -84.9795



201.7830, 9.4740, 41.4093



193.4230, -31.7605, 13.6610

Complementary

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



175.8980, 31.1093, -84.9795



142.1020, -31.1093, 84.9795

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.



196.1040, -31.1103, 38.4968



175.8980, 31.1093, -84.9795



197.8260, -5.8302, 50.1416

Square

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



175.8980, 31.1093, -84.9795



200.6790, 23.8223, 12.5595



197.1130, -21.2547, 50.7669



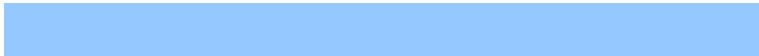
188.9400, -22.6484, -15.7334

Rectangle

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



175.8980, 31.1093, -84.9795



191.0210, 31.5416, -36.8524



197.1130, -21.2547, 50.7669



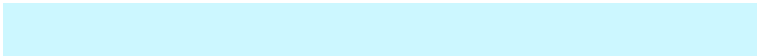
194.2500, -32.6613, 22.5827

Sweetspot

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



175.8980, 31.1093, -84.9795



235.0550, 9.8329, -27.2352



175.6560, -35.8194, -84.7673



115.7960, 6.0166, -16.4841



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.



175.8980, 31.1093, -84.9795



174.6330, 39.6209, -108.4261



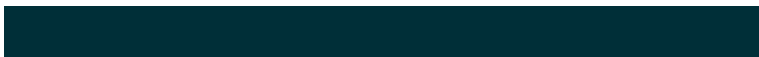
130.1120, 53.6818, -44.8252



115.2380, 2.3477, -6.3477



111.3740, 35.8046, -97.6750



33.9730, 10.8593, -29.7943

Inverse Universe

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



142.1160, 34.9458, 84.9673



131.4900, 44.6214, 108.3183



187.8880, -53.6818, 44.8252



112.7280, 2.5991, 6.3775



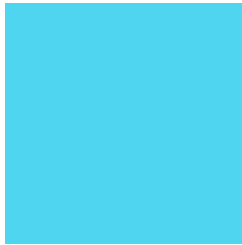
72.5720, 40.1440, 97.7224



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 175.8980, 31.1093, -84.9795 looks on a white background.

Color Contrast Check

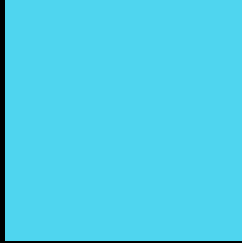
Large Text (above 18pt) WCAG AA × Fail

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 175.8980, 31.1093, -84.9795 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

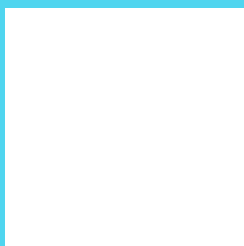
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.8980, 31.1093, -84.9795

Background



This preview shows how black text looks on a background with the YUV color 175.8980, 31.1093, -84.9795.



This preview shows how white text looks on a background with the YUV color 175.8980, 31.1093, -84.9795.

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

175.8980, 31.1093, -84.9795

Protanopia

195.5660, 15.0040, -5.7584

Deuteranopia

196.4440, 23.4451, -6.5284



Tritanopia

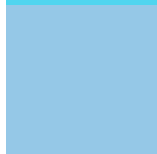
174.4910, 28.3519, -87.2536

Trichromacy



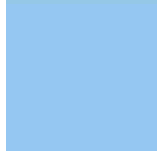
Original Color

175.8980, 31.1093, -84.9795



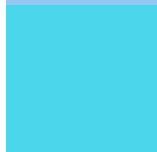
Protanomaly

188.2850, 21.0585, -34.4529



Deuteranomaly

188.9520, 26.1527, -35.0379



Tritanomaly

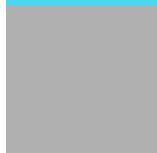
175.1320, 29.5149, -86.9388

Monochromacy



Original Color

175.8980, 31.1093, -84.9795



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.7880, 11.4435, -30.5091

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8980, 31.1093, -84.9795 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(79, 213, 239)` looks like.

```
.text, #text, p{  
    color:rgb(79, 213, 239)  
}
```

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(79, 213, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 213, 239) }
```

Border

The CSS property to change the border of an element to YUV 175.8980, 31.1093, -84.9795 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(79, 213, 239) }
```


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

```
.border{ border-color:rgb(79, 213, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 213, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 213, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 213, 239);  
box-shadow:4px 4px 4px 4px rgb(79, 213,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 175.8980, 31.1093, -84.9795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 213, 239) }
```

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

```
.background{ background-color: rgb(79, 213,  
239) }
```

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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