

Converting Colors

YUV(173.2850, 30.9185,
-70.4099)

Have a look what the booklet for
YUV(173.2850, 30.9185, -70.4099)
contains.

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Color

**YUV(173.2850, 30.9185,
-70.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	5DCAEC
RGB	93, 202, 236
RGB Percent	36%, 79%, 93%
CMY	0.6353, 0.2078, 0.0745
CMYK	0.61, 0.14, 0.00, 0.07
HSL	194°, 79%, 65%
HSV	194°, 61%, 93%
XYZ	40.7751, 50.6243, 86.9793
YIQ	173.2850, -75.8780, -12.5340

Conversions

Conversions Part 2

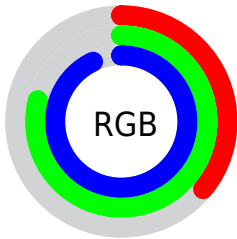
Format	Color
R_{YB}	93, 155, 236
Decimal	6146796
CIE _{Lab}	76.45, -21.40, -26.18
CIE _{LCh}	76, 33.807, 230.736
Yxy	50.6243, 0.2286, 0.2838
Android (android.graphics.Color)	4284336876 (0xFF5DCAEC)
YUV	173.2850, 30.9185, -70.4099
Hunter-Lab	71.1508, -22.2192, -22.6743

Details

The YUV color **173.2850, 30.9185, -70.4099** 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 **155.7150, -30.9185, 70.4099**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **107.3960, 35.7938, -94.1863** is the 20% darker color. If you saturate the color by 10%, you get **162.5870, 36.1926, -82.0758**, and if you desaturate by 10%, it is **183.9830, 25.6444, -58.7441**.

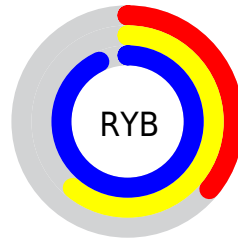
Distribution



Red (36%)

Green (79%)

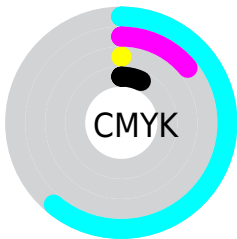
Blue (93%)



Red (36%)

Yellow (61%)

Blue (93%)

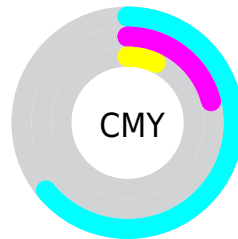


Cyan (61%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2850, 30.9185, -70.4099 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 173.2850, 30.9185, -70.4099 by changing the saturation by 10% instead.

■ 173.2850, 30.9185,
-70.4099

■ 173.2850, 30.9185,
-70.4099

■ 255.0000, 0.0000,
0.0000

■ 143.7790, 31.6610,
-75.2282

■ 225.1000, 14.7407,
-61.4777

■ 107.3960, 35.7938,
-94.1863

■ 234.0700, 10.3185,
-43.0344

■ 89.0560, 31.5244,
-78.1021

■ 243.0400, 5.8963,
-24.5911

■ 71.4170, 27.4024,
-62.6327

■ 252.3090, 1.3267,
-5.5330

■ 54.4790, 23.4279,
-47.7781

■ 38.2420, 19.6007,
-33.5382

■ 24.4670, 15.0528,

-21.4576

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 173.2850, 30.9185,
-70.4099

■ 173.2850, 30.9185,
-70.4099

■ 162.5870, 36.1926,
-82.0758

■ 183.9830, 25.6444,
-58.7441

■ 152.7750, 41.0299,
-93.6417

■ 193.7950, 20.8071,
-47.1782

■ 142.0770, 46.3040,
-105.3075

■ 204.4930, 15.5330,
-35.5124

■ 132.5640, 50.9939,
-116.2586

■ 214.3050, 10.6956,
-23.9465

■ 225.0030, 5.4215,
-12.2806

■ 235.7010, 0.1474,
-0.6148

■ 244.6160, -4.2477,
9.1068

■ 248.1380, -5.9840,
6.0180

■ 251.6600, -7.7204,
2.9292

Harmonies

Analogous

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



171.1740, 19.1412, -72.9436



173.2850, 30.9185, -70.4099



182.4330, 33.3105, -44.2297

Triad

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



173.2850, 30.9185, -70.4099



193.1980, 3.3534, 44.5534



184.2090, -27.2180, 3.3247

Complementary

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



173.2850, 30.9185, -70.4099



155.7150, -30.9185, 70.4099

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.



187.3800, -29.7673, 27.7307



173.2850, 30.9185, -70.4099



191.6430, -11.6560, 52.0561

Square

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



173.2850, 30.9185, -70.4099



193.0240, 17.2432, 22.7810



189.9830, -24.1486, 45.6189



180.3070, -15.9274, -24.8252

Rectangle

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



173.2850, 30.9185, -70.4099



187.8920, 30.6192, -20.9533



189.9830, -24.1486, 45.6189



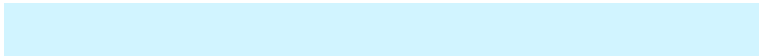
185.5090, -28.8449, 11.8316

Sweetspot

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



173.2850, 30.9185, -70.4099



234.7890, 9.9640, -22.6170



180.7030, -26.9686, -76.9155



115.2200, 6.3005, -14.2249



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.



173.2850, 30.9185, -70.4099



173.5580, 40.1509, -91.6974



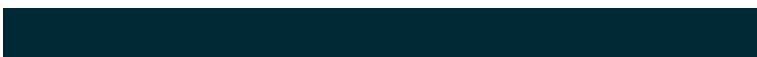
131.6080, 51.4653, -33.8592



112.5370, 2.2003, -5.7329



101.6400, 39.1245, -89.1383



30.2230, 11.7221, -26.5056

Inverse Universe

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



148.1830, 26.5318, 77.0155



140.8020, 34.6076, 100.1516



197.3920, -51.4653, 33.8592



110.3150, 2.3097, 5.8627



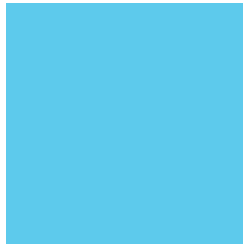
69.8510, 33.5975, 97.4777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 173.2850, 30.9185, -70.4099 looks on a white background.

Color Contrast Check

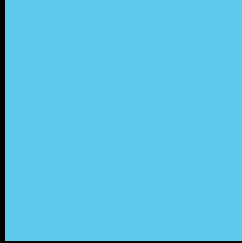
Large Text (above 18pt) WCAG AA × Fail

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 173.2850, 30.9185, -70.4099 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 173.2850, 30.9185, -70.4099

Background



This preview shows how black text looks on a background with the YUV color 173.2850, 30.9185, -70.4099.



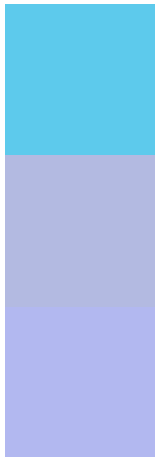
This preview shows how white text looks on a background with the YUV color 173.2850, 30.9185, -70.4099.

-70.4099.

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

173.2850, 30.9185, -70.4099

Protanopia

188.3530, 18.0670, -8.2026

Deuteranopia

188.5900, 25.3451, -9.2874



Tritanopia

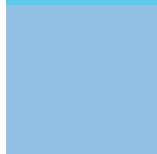
171.2430, 24.5302, -74.7581

Trichromacy



Original Color

173.2850, 30.9185, -70.4099



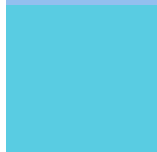
Protanomaly

183.0620, 22.6474, -30.7494



Deuteranomaly

183.3160, 27.4522, -31.8491



Tritanomaly

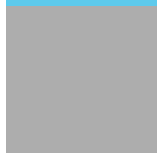
172.1230, 26.5614, -72.8989

Monochromacy



Original Color

173.2850, 30.9185, -70.4099



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.4080, 11.1379, -25.7908

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2850, 30.9185, -70.4099 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(93, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(93, 202, 236)  
}
```

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(93, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 202, 236) }
```

Border

The CSS property to change the border of an element to YUV 173.2850, 30.9185, -70.4099 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(93, 202, 236) }
```


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

```
.border{ border-color:rgb(93, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(93, 202,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 173.2850, 30.9185, -70.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 202, 236) }
```

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

```
.background{ background-color: rgb(93, 202,  
236) }
```

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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