

Converting Colors

YUV(173.1600, 30.4871,
-72.0543)

Have a look what the booklet for
YUV(173.1600, 30.4871, -72.0543)
contains.

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Color

**YUV(173.1600, 30.4871,
-72.0543)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCBEB
RGB	91, 203, 235
RGB Percent	36%, 80%, 92%
CMY	0.6431, 0.2039, 0.0784
CMYK	0.61, 0.14, 0.00, 0.08
HSL	193°, 78%, 64%
HSV	193°, 61%, 92%
XYZ	40.6657, 50.9342, 86.2852
YIQ	173.1600, -77.0240, -13.7920

Conversions

Conversions Part 2

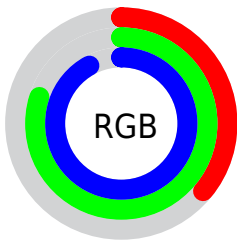
Format	Color
R _Y B	91, 154, 235
Decimal	6015979
CIE Lab	76.64, -22.54, -25.36
CIE LCh	77, 33.929, 228.358
Yxy	50.9342, 0.2286, 0.2863
Android (android.graphics.Color)	4284206059 (0xFF5BCBEB)
YUV	173.1600, 30.4871, -72.0543
Hunter-Lab	71.3682, -23.1847, -21.7248

Details

The YUV color **173.1600, 30.4871, -72.0543** 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 **152.8400, -30.4871, 72.0543**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **107.8690, 35.0676, -94.6011** is the 20% darker color. If you saturate the color by 10%, you get **163.3480, 35.3244, -83.6202**, and if you desaturate by 10%, it is **183.2710, 25.5024, -59.8737**.

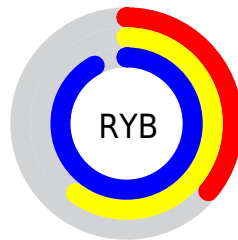
Distribution



Red (36%)

Green (80%)

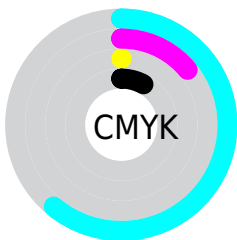
Blue (92%)



Red (36%)

Yellow (60%)

Blue (92%)

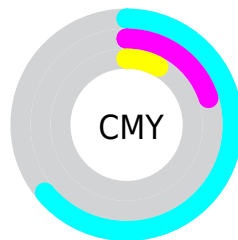


Cyan (61%)

Magenta (14%)

Yellow (0%)

Black (8%)



Cyan (64%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1600, 30.4871, -72.0543 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 173.1600, 30.4871, -72.0543 by changing the saturation by 10% instead.

173.1600, 30.4871,
-72.0543

173.1600, 30.4871,
-72.0543

255.0000, 0.0000,
0.0000

142.7680, 31.6664,
-76.9725

224.5020, 15.0355,
-62.7073

107.8690, 35.0676,
-94.6011

233.4720, 10.6133,
-44.2639

89.5290, 30.7982,
-78.5169

242.7410, 6.0437,
-25.2059

71.8900, 26.6762,
-63.0475

251.7110, 1.6215,
-6.7625

54.9520, 22.7017,
-48.1929

38.7150, 18.8745,
-33.9531

24.3530, 14.6160,

-21.3576

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 173.1600, 30.4871,
-72.0543

■ 173.1600, 30.4871,
-72.0543

■ 163.3480, 35.3244,
-83.6202

■ 183.2710, 25.5024,
-59.8737

■ 153.2370, 40.3092,
-95.8008

■ 193.0830, 20.6651,
-48.3078

■ 142.8380, 45.4359,
-106.8519

■ 203.7810, 15.3910,
-36.6419

■ 134.2110, 49.6890,
-117.7030

■ 213.5930, 10.5537,
-25.0761

■ 223.7040, 5.5689,
-12.8954

■ 233.5160, 0.7316,
-1.3295

■ 243.9150, -4.3951,
9.7215

■ 246.8500, -5.8420,
7.1476

■ 249.7850, -7.2890,
4.5736

Harmonies

Analogous

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



171.2450, 18.1202, -72.1289



173.1600, 30.4871, -72.0543



182.1230, 33.4634, -46.5889

Triad

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



173.1600, 30.4871, -72.0543



193.8280, 4.5218, 43.1238



185.1060, -27.6603, 5.1690

Complementary

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



173.1600, 30.4871, -72.0543



152.8400, -30.4871, 72.0543

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.



188.3910, -29.7728, 29.4751



173.1600, 30.4871, -72.0543



192.2840, -10.4930, 52.3709

Square

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



173.1600, 30.4871, -72.0543



193.3550, 18.5590, 20.7367



190.9230, -23.1330, 46.5485



181.3890, -16.9538, -22.2662

Rectangle

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



173.1600, 30.4871, -72.0543



187.6960, 31.2089, -23.4124



190.9230, -23.1330, 46.5485



186.4060, -29.2872, 13.6759

Sweetspot

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



173.1600, 30.4871, -72.0543



235.3760, 9.6746, -23.1318



179.0620, -28.1316, -77.2304



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.



173.1600, 30.4871, -72.0543



173.8350, 40.0143, -94.5713



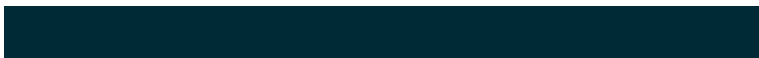
131.4830, 51.0339, -35.5036



112.5370, 2.2003, -5.7329



103.4010, 38.2563, -90.6827



30.8100, 11.4327, -27.0204

Inverse Universe

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



146.8240, 27.6948, 77.3304



139.2690, 36.3494, 101.4961



194.5170, -51.0339, 35.5036



110.3150, 2.3097, 5.8627



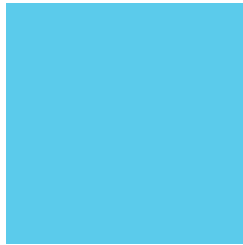
70.1930, 34.9079, 97.1777



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 173.1600, 30.4871, -72.0543 looks on a white background.

Color Contrast Check

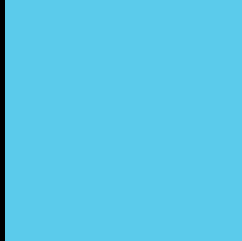
Large Text (above 18pt) WCAG AA × Fail

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 173.1600, 30.4871, -72.0543 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 173.1600, 30.4871, -72.0543 Background



This preview shows how black text looks on a background with the YUV color 173.1600, 30.4871, -72.0543.



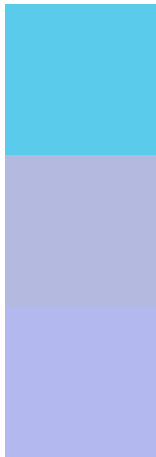
This preview shows how white text looks on a background with the YUV color 173.1600, 30.4871, -72.0543.

-72.0543.

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

173.1600, 30.4871, -72.0543

Protanopia

188.4240, 17.0460, -7.3878

Deuteranopia

188.7750, 24.7609, -8.5727



Tritanopia

171.0580, 25.1144, -75.4729

Trichromacy



Original Color

173.1600, 30.4871, -72.0543

Protanomaly

182.8340, 21.7738, -30.5494

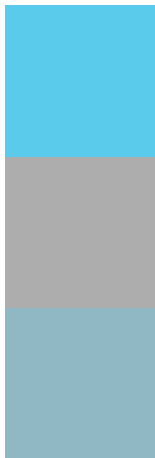
Deuteranomaly

183.2020, 27.0154, -31.7492

Tritanomaly

171.6390, 27.2930, -74.2284

Monochromacy



Original Color

173.1600, 30.4871, -72.0543

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1090, 11.2853, -26.4056

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1600, 30.4871, -72.0543 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(91, 203, 235)` looks like.

```
.text, #text, p{  
    color:rgb(91, 203, 235)  
}
```

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(91, 203, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 203, 235) }
```

Border

The CSS property to change the border of an element to YUV 173.1600, 30.4871, -72.0543 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(91, 203, 235) }
```


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

```
.border{ border-color:rgb(91, 203, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 203, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 203, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 203, 235);  
box-shadow:4px 4px 4px 4px rgb(91, 203,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 173.1600, 30.4871, -72.0543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 203, 235) }
```

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

```
.background{ background-color: rgb(91, 203,  
235) }
```

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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