

Converting Colors

YUV(175.2800, 28.4560,
-73.9136)

Have a look what the booklet for
YUV(175.2800, 28.4560, -73.9136)
contains.

YUV(175.2800, 28.4560, -73.9136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.2800, 28.4560,
-73.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCFE9
RGB	91, 207, 233
RGB Percent	36%, 81%, 91%
CMY	0.6431, 0.1882, 0.0863
CMYK	0.61, 0.11, 0.00, 0.09
HSL	191°, 76%, 64%
HSV	191°, 61%, 91%
XYZ	41.3352, 52.7330, 85.0907
YIQ	175.2800, -77.4820, -16.5060

Conversions

Conversions Part 2

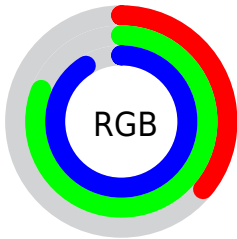
Format	Color
R _{YB}	91, 155, 233
Decimal	6017001
CIE Lab	77.72, -25.14, -22.64
CIE LCh	78, 33.827, 222.009
Yxy	52.7330, 0.2307, 0.2943
Android (android.graphics.Color)	4284207081 (0xFF5BCFE9)
YUV	175.2800, 28.4560, -73.9136
Hunter-Lab	72.6175, -25.4752, -18.6418

Details

The YUV color **175.2800, 28.4560, -73.9136** 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 **148.7200, -28.4560, 73.9136**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **109.4020, 33.3258, -95.9456** is the 20% darker color. If you saturate the color by 10%, you get **166.0550, 33.0039, -85.9942**, and if you desaturate by 10%, it is **184.5050, 23.9080, -61.8329**.

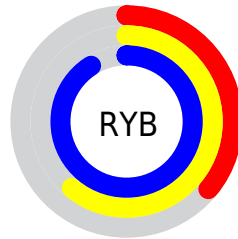
Distribution



Red (36%)

Green (81%)

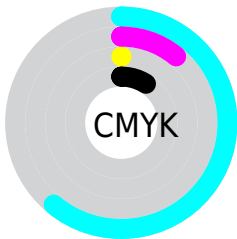
Blue (91%)



Red (36%)

Yellow (61%)

Blue (91%)

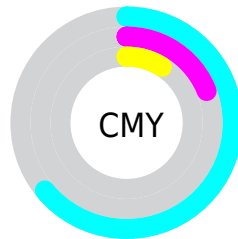


Cyan (61%)

Magenta (11%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2800, 28.4560, -73.9136 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 175.2800, 28.4560, -73.9136 by changing the saturation by 10% instead.

175.2800, 28.4560,
-73.9136

175.2800, 28.4560,
-73.9136

255.0000, 0.0000,
0.0000

144.8880, 29.6352,
-78.8318

224.5020, 15.0355,
-62.7073

109.4020, 33.3258,
-95.9456

233.7710, 10.4659,
-43.6492

91.1760, 29.4932,
-79.9614

242.7410, 6.0437,
-25.2059

73.5370, 25.3713,
-64.4919

251.7110, 1.6215,
-6.7625

56.5990, 21.3967,
-49.6373

40.3620, 17.5695,
-35.3975

25.4130, 13.6004,

-22.2872

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 175.2800, 28.4560,
-73.9136

■ 175.2800, 28.4560,
-73.9136

■ 166.0550, 33.0039,
-85.9942

■ 184.5050, 23.9080,
-61.8329

■ 155.9440, 37.9886,
-98.1749

■ 194.6160, 18.9233,
-49.6522

■ 146.7190, 42.5365,
-110.2556

■ 203.8410, 14.3754,
-37.5716

■ 138.0920, 46.7896,
-121.1067

■ 213.0660, 9.8275,
-25.4909

■ 222.5900, 5.1321,
-12.7954

■ 232.4020, 0.2948,
-1.2296

■ 241.6270, -4.2531,
10.8511

■ 244.2740, -5.5581,
9.4067

■ 246.6220, -6.7156,
7.3475

Harmonies

Analogous

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



175.2410, 14.1782, -67.7404



175.2800, 28.4560, -73.9136



183.3780, 33.3376, -52.9515

Triad

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



175.2800, 28.4560, -73.9136



196.9030, 7.4428, 39.5501



188.7970, -28.9869, 10.7020

Complementary

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



175.2800, 28.4560, -73.9136



148.7200, -28.4560, 73.9136

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.



192.2390, -29.2048, 33.9934



175.2800, 28.4560, -73.9136



195.9680, -7.8722, 51.7711

Square

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



175.2800, 28.4560, -73.9136



196.2940, 21.0541, 13.7742



194.2160, -20.8125, 48.9226



185.3250, -19.8802, -16.9480

Rectangle

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



175.2800, 28.4560, -73.9136



188.8800, 32.1042, -30.5898



194.2160, -20.8125, 48.9226



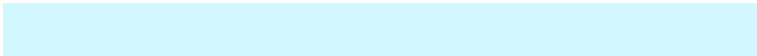
190.2110, -30.1770, 19.1090

Sweetspot

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



175.2800, 28.4560, -73.9136



236.5500, 9.0958, -24.1614



177.0900, -30.6104, -75.5009



115.8070, 6.0111, -14.7397



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.



175.2800, 28.4560, -73.9136



179.4280, 37.2570, -96.8454



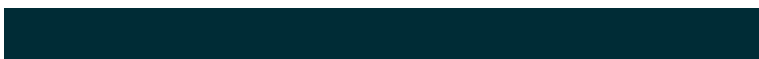
134.7770, 48.4239, -38.3924



112.5370, 2.2003, -5.7329



107.5100, 36.2306, -94.2863



31.9840, 10.8539, -28.0500

Inverse Universe

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



146.6820, 29.7368, 75.7009



141.9420, 38.9756, 99.1519



189.2230, -48.4239, 38.3924



110.3150, 2.3097, 5.8627



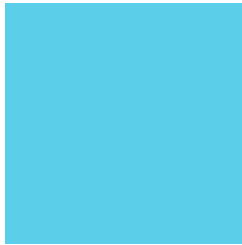
70.9910, 37.9654, 96.4779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 175.2800, 28.4560, -73.9136 looks on a white background.

Color Contrast Check

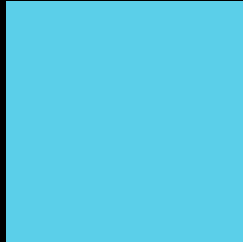
Large Text (above 18pt) WCAG AA × Fail

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 175.2800, 28.4560, -73.9136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

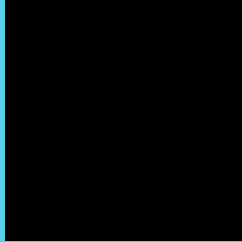
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.2800, 28.4560, -73.9136

Background



This preview shows how black text looks on a background with the YUV color 175.2800, 28.4560, -73.9136.



This preview shows how white text looks on a background with the YUV color 175.2800, 28.4560, -73.9136.

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

175.2800, 28.4560, -73.9136

Protanopia

191.4520, 14.5672, -5.6584

Deuteranopia

192.1020, 22.1347, -6.2285



Tritanopia

173.7590, 25.2618, -76.0876

Trichromacy



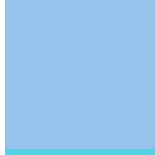
Original Color

175.2800, 28.4560, -73.9136



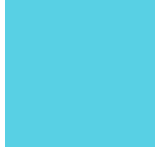
Protanomaly

185.8510, 19.3005, -30.5643



Deuteranomaly

185.9310, 24.6840, -30.6345



Tritanomaly

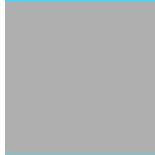
174.4000, 26.4248, -75.7728

Monochromacy



Original Color

175.2800, 28.4560, -73.9136



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1690, 10.2697, -27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2800, 28.4560, -73.9136 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, 207, 233)` looks like.

```
.text, #text, p{  
    color:rgb(91, 207, 233)  
}
```

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, 207, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 207, 233) }
```

Border

The CSS property to change the border of an element to YUV 175.2800, 28.4560, -73.9136 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, 207, 233) }
```


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

```
.border{ border-color:rgb(91, 207, 233) }
```

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

Here you see how a box with a 4 pixel rgb(91, 207, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 207, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 207, 233);  
box-shadow:4px 4px 4px 4px rgb(91, 207,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 175.2800, 28.4560, -73.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 207, 233) }
```

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

```
.background{ background-color: rgb(91, 207,  
233) }
```

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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