

Converting Colors

YUV(173.5270, 20.4462,
-71.4992)

Have a look what the booklet for
YUV(173.5270, 20.4462, -71.4992)
contains.

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Color

**YUV(173.5270, 20.4462,
-71.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	5CCFD7
RGB	92, 207, 215
RGB Percent	36%, 81%, 84%
CMY	0.6392, 0.1882, 0.1569
CMYK	0.57, 0.04, 0.00, 0.16
HSL	184°, 61%, 60%
HSV	184°, 57%, 84%
XYZ	38.9922, 51.8073, 72.2347
YIQ	173.5270, -71.1080, -21.8920

Conversions

Conversions Part 2

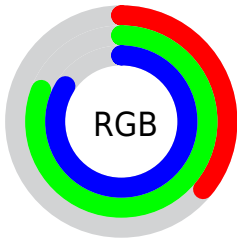
Format	Color
R _{YB}	92, 151, 215
Decimal	6082519
CIE Lab	77.17, -30.05, -13.80
CIE LCh	77, 33.072, 204.665
Yxy	51.8073, 0.2392, 0.3178
Android (android.graphics.Color)	4284272599 (0xFF5CCFD7)
YUV	173.5270, 20.4462, -71.4992
Hunter-Lab	71.9773, -29.2615, -9.1180

Details

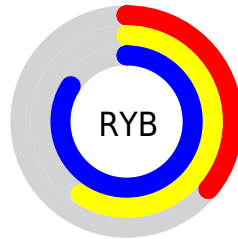
The YUV color **173.5270, 20.4462, -71.4992** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **133.4730, -20.4462, 71.4992**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **108.0620, 25.6054, -93.0164** is the 20% darker color. If you saturate the color by 10%, you get **166.3620, 23.9785, -84.5095**, and if you desaturate by 10%, it is **180.3930, 17.0613, -59.1037**.

Distribution



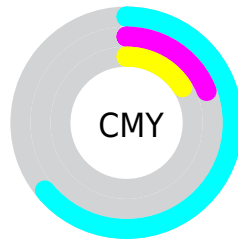
- Red (36%)
- Green (81%)
- Blue (84%)



- Red (36%)
- Yellow (59%)
- Blue (84%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5270, 20.4462, -71.4992 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 173.5270, 20.4462, -71.4992 by changing the saturation by 10% instead.

■ 173.5270, 20.4462,
-71.4992

■ 173.5270, 20.4462,
-71.4992

255.0000, 0.0000,
0.0000

■ 143.7330, 21.3306,
-75.1878

■ 224.5020, 15.0355,
-62.7073

■ 108.0620, 25.6054,
-93.0164

■ 233.1730, 10.7607,
-44.8787

■ 89.2380, 22.0677,
-78.2617

■ 242.1430, 6.3385,
-26.4354

■ 71.7130, 18.3825,
-62.8923

■ 251.4120, 1.7689,
-7.3773

■ 54.3020, 15.1341,
-47.6229

■ 38.0650, 11.3070,
-33.3830

■ 23.8170, 7.4852,

-20.8875

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 173.5270, 20.4462,
-71.4992

■ 173.5270, 20.4462,
-71.4992

■ 166.3620, 23.9785,
-84.5095

■ 180.3930, 17.0613,
-59.1037

■ 158.9090, 27.6529,
-96.3902

■ 188.1450, 13.2395,
-46.6082

■ 151.7440, 31.1852,
-109.4005

■ 195.0110, 9.8546,
-34.2126

■ 144.2910, 34.8595,
-121.2812

■ 202.7630, 6.0328,
-21.7172

■ 142.4970, 35.7440,
-124.9699

■ 209.9280, 2.5005,
-8.7069

■ 216.7940, -0.8844,
3.6887

■ 224.2470, -4.5588,
15.5694

■ 228.7210, -6.7645,
23.0467

■ 229.8950, -7.3432,
22.0171

Harmonies

Analogous

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



176.8700, 3.5151, -54.2600



173.5270, 20.4462, -71.4992



177.0190, 31.0496, -65.7917

Triad

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



173.5270, 20.4462, -71.4992



194.8780, 15.3431, 25.5400



189.4720, -29.3197, 24.1421

Complementary

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



173.5270, 20.4462, -71.4992



133.4730, -20.4462, 71.4992

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.



191.5590, -24.4326, 43.3598



173.5270, 20.4462, -71.4992



194.9270, 1.0220, 45.6680

Square

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



173.5270, 20.4462, -71.4992



192.5520, 26.3499, -4.8691



193.4750, -13.5452, 51.3264



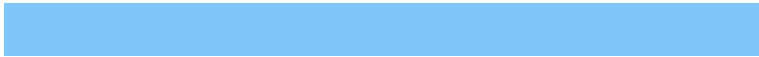
185.9420, -25.6074, 0.0509

Rectangle

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



173.5270, 20.4462, -71.4992



182.5850, 32.7426, -48.7480



193.4750, -13.5452, 51.3264



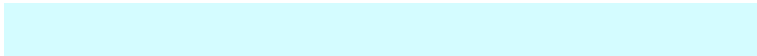
190.0430, -28.6152, 31.5343

Sweetspot

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



173.5270, 20.4462, -71.4992



240.3820, 7.2067, -24.8910



164.8850, -32.9743, -63.9201



119.0520, 4.4114, -14.9546



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.



173.5270, 20.4462, -71.4992



195.9190, 29.1269, -102.5380



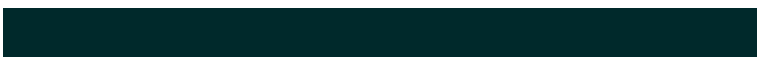
138.3070, 37.8096, -40.6112



103.1240, 1.9109, -6.2477



113.4140, 28.3899, -99.4641



28.9690, 6.9173, -25.4058

Inverse Universe

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



141.8870, 32.1007, 64.1201



150.4340, 46.1280, 91.7044



168.6930, -37.8096, 40.6112



100.4290, 2.7465, 5.7628



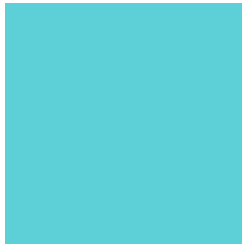
69.3690, 44.6811, 89.1304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 173.5270, 20.4462, -71.4992 looks on a white background.

Color Contrast Check

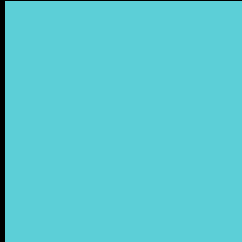
Large Text (above 18pt) WCAG AA × Fail

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 173.5270, 20.4462, -71.4992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

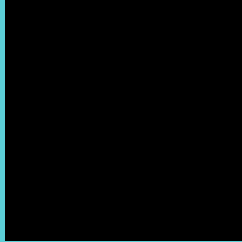
Any Text WCAG AA ✓ Pass

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 173.5270, 20.4462, -71.4992 Background



This preview shows how black text looks on a background with the YUV color 173.5270, 20.4462, -71.4992.



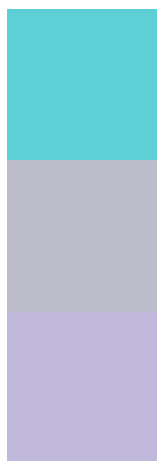
This preview shows how white text looks on a background with the YUV color 173.5270, 20.4462, -71.4992.

-71.4992.

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

173.5270, 20.4462, -71.4992

Protanopia

190.0090, 6.4046, -0.8849

Deuteranopia

191.3820, 14.1087, 1.4190



Tritanopia

174.6350, 23.3509, -69.8399

Trichromacy



Original Color

173.5270, 20.4462, -71.4992



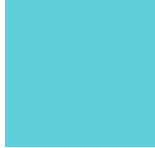
Protanomaly

184.1090, 11.2853, -26.4056



Deuteranomaly

184.7870, 16.3740, -25.2462



Tritanomaly

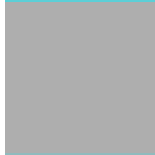
173.9940, 22.1880, -70.1547

Monochromacy



Original Color

173.5270, 20.4462, -71.4992



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.7840, 7.5015, -26.1206

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5270, 20.4462, -71.4992 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(92, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(92, 207, 215)  
}
```

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(92, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 207, 215) }
```

Border

The CSS property to change the border of an element to YUV 173.5270, 20.4462, -71.4992 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(92, 207, 215) }
```


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

```
.border{ border-color:rgb(92, 207, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 207, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(92, 207,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 173.5270, 20.4462, -71.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 207, 215) }
```

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

```
.background{ background-color: rgb(92, 207,  
215) }
```

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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