

Converting Colors

YUV(171.2010, 21.5929,
-65.9513)

Have a look what the booklet for
YUV(171.2010, 21.5929, -65.9513)
contains.

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Color

**YUV(171.2010, 21.5929,
-65.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	60C9D7
RGB	96, 201, 215
RGB Percent	38%, 79%, 84%
CMY	0.6235, 0.2118, 0.1569
CMYK	0.55, 0.07, 0.00, 0.16
HSL	187°, 60%, 61%
HSV	187°, 55%, 84%
XYZ	37.9763, 49.1664, 71.7785
YIQ	171.2010, -67.0740, -17.9060

Conversions

Conversions Part 2

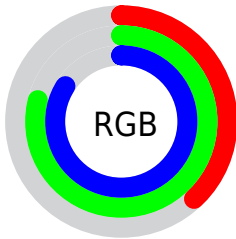
Format	Color
RYB	96, 152, 215
Decimal	6343127
CIELab	75.55, -26.37, -16.21
CIELCh	76, 30.951, 211.584
Yxy	49.1664, 0.2390, 0.3094
Android (android.graphics.Color)	4284533207 (0xFF60C9D7)
YUV	171.2010, 21.5929, -65.9513
Hunter-Lab	70.1187, -26.0323, -11.6103

Details

The YUV color **171.2010, 21.5929, -65.9513** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.7990, -21.5929, 65.9513**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3990, 14.5933, -60.8629**, and **110.8080, 24.2517, -78.7616** is the 20% darker color. If you saturate the color by 10%, you get **162.8620, 25.7040, -77.9320**, and if you desaturate by 10%, it is **179.5400, 17.4818, -53.9706**.

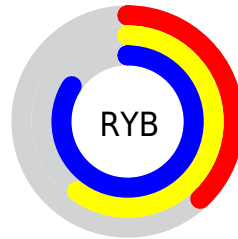
Distribution



Red (38%)

Green (79%)

Blue (84%)



Red (38%)

Yellow (60%)

Blue (84%)

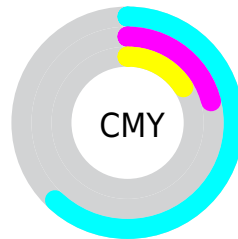


Cyan (55%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (62%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2010, 21.5929, -65.9513 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 171.2010, 21.5929, -65.9513 by changing the saturation by 10% instead.

■ 171.2010, 21.5929,
-65.9513

■ 171.2010, 21.5929,
-65.9513

■ 255.0000, 0.0000,
0.0000

■ 142.0050, 22.1825,
-68.4104

■ 225.3990, 14.5933,
-60.8629

■ 110.8080, 24.2517,
-78.7616

■ 234.0700, 10.3185,
-43.0344

■ 86.3030, 23.5146,
-75.6877

■ 243.0400, 5.8963,
-24.5911

■ 68.7780, 19.8294,
-60.3183

■ 252.0100, 1.4741,
-6.1478

■ 51.2530, 16.1443,
-44.9489

■ 35.1300, 12.7539,
-30.8090

■ 21.4690, 8.6428,

-18.8283

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 171.2010, 21.5929,
-65.9513

■ 171.2010, 21.5929,
-65.9513

■ 162.8620, 25.7040,
-77.9320

■ 179.5400, 17.4818,
-53.9706

■ 155.4090, 29.3784,
-89.8127

■ 186.9930, 13.8075,
-42.0899

■ 147.0700, 33.4895,
-101.7934

■ 195.3320, 9.6963,
-30.1092

■ 139.6170, 37.1638,
-113.6741

■ 202.7850, 6.0220,
-18.2284

■ 136.0400, 38.9273,
-119.3071

■ 211.1240, 1.9109,
-6.2477

■ 218.5770, -1.7635,
5.6330

■ 226.9160, -5.8746,
17.6137

■ 230.4820, -7.6326,
21.5023

■ 232.2430, -8.5008,
19.9579

Harmonies

Analogous

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



173.0810, 6.8621, -54.4450



171.2010, 21.5929, -65.9513



175.7430, 29.7067, -55.0256

Triad

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



171.2010, 21.5929, -65.9513



190.5750, 11.5485, 29.3137



184.5960, -27.4088, 17.8943

Complementary

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



171.2010, 21.5929, -65.9513



139.7990, -21.5929, 65.9513

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.



186.8140, -24.5583, 36.9971



171.2010, 21.5929, -65.9513



190.1180, -2.0302, 44.6235

Square

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



171.2010, 21.5929, -65.9513



188.6840, 22.8338, 2.9081



188.3990, -14.9867, 47.0081



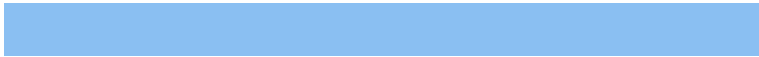
180.9350, -21.6600, -6.0820

Rectangle

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



171.2010, 21.5929, -65.9513



180.9670, 30.0893, -37.6821



188.3990, -14.9867, 47.0081



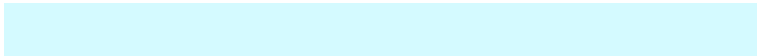
185.6400, -27.4305, 24.8717

Sweetspot

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



171.2010, 21.5929, -65.9513



239.2080, 7.7855, -23.8614



167.4490, -28.3224, -62.6608



117.8780, 4.9901, -13.9250



0.0000, 0.0000, 0.0000



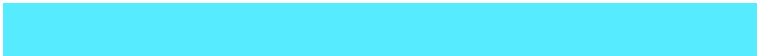
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.2010, 21.5929, -65.9513



193.0280, 30.5522, -92.9866



136.5680, 38.6670, -35.5781



103.1240, 1.9109, -6.2477



108.1310, 30.9944, -94.8309



27.2080, 7.7855, -23.8614

Inverse Universe

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



143.5510, 28.3224, 62.6608



154.1040, 39.8817, 88.4858



174.4320, -38.6670, 35.5781



100.4290, 2.7465, 5.7628



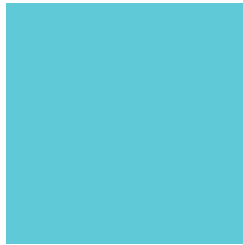
68.3430, 40.7499, 90.0302



17.1890, 10.2598, 22.6362

Previews

White Background



This preview shows how the YUV color 171.2010, 21.5929, -65.9513 looks on a white background.

Color Contrast Check

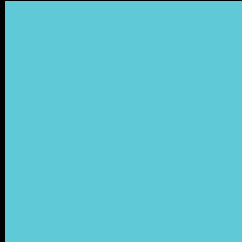
Large Text (above 18pt) WCAG AA × Fail

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 171.2010, 21.5929, -65.9513 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 171.2010, 21.5929, -65.9513 Background



This preview shows how black text looks on a background with the YUV color 171.2010, 21.5929, -65.9513.



This preview shows how white text looks on a background with the YUV color 171.2010, 21.5929, -65.9513.

-65.9513.

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

171.2010, 21.5929, -65.9513

Protanopia

185.9810, 8.8834, -2.6143

Deuteranopia

186.8270, 15.8613, -0.7253



Tritanopia

171.7280, 22.3191, -65.5365

Trichromacy



Original Color

171.2010, 21.5929, -65.9513

Protanomaly

180.3910, 13.6112, -25.7759

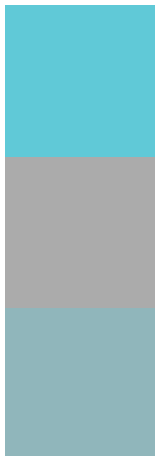
Deuteranomaly

180.9550, 18.2632, -24.5165

Tritanomaly

171.6140, 21.8823, -65.4365

Monochromacy



Original Color

171.2010, 21.5929, -65.9513

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2080, 7.7855, -23.8614

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2010, 21.5929, -65.9513 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(96, 201, 215)` looks like.

```
.text, #text, p{  
    color:rgb(96, 201, 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(96, 201, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 201, 215) }
```

Border

The CSS property to change the border of an element to YUV 171.2010, 21.5929, -65.9513 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(96, 201, 215) }
```


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

```
.border{ border-color:rgb(96, 201, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 201, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 201, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 201, 215);  
box-shadow:4px 4px 4px 4px rgb(96, 201,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 171.2010, 21.5929, -65.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 201, 215) }
```

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

```
.background{ background-color: rgb(96, 201,  
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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