

Converting Colors

YUV(172.9620, 0.5117,
-71.0037)

Have a look what the booklet for
YUV(172.9620, 0.5117, -71.0037)
contains.

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Color

**YUV(172.9620, 0.5117,
-71.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD6AE
RGB	92, 214, 174
RGB Percent	36%, 84%, 68%
CMY	0.6392, 0.1608, 0.3176
CMYK	0.57, 0.00, 0.19, 0.16
HSL	160°, 60%, 60%
HSV	160°, 57%, 84%
XYZ	36.1002, 53.4244, 48.4537
YIQ	172.9620, -59.8720, -38.3040

Conversions

Conversions Part 2

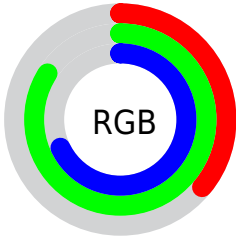
Format	Color
RYB	92, 165, 214
Decimal	6084270
CIELab	78.12, -43.61, 9.59
CIELCh	78, 44.654, 167.597
Yxy	53.4244, 0.2616, 0.3872
Android (android.graphics.Color)	4284274350 (0xFF5CD6AE)
YUV	172.9620, 0.5117, -71.0037
Hunter-Lab	73.0920, -39.7498, 11.8603

Details

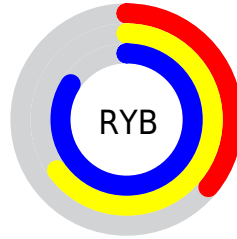
The YUV color **172.9620, 0.5117, -71.0037** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **133.0380, -0.5117, 71.0037**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9400, 3.9736, -61.3374**, and **110.8400, 5.5019, -84.9287** is the 20% darker color. If you saturate the color by 10%, you get **165.8850, 0.5497, -83.2141**, and if you desaturate by 10%, it is **180.0390, 0.4738, -58.7932**.

Distribution



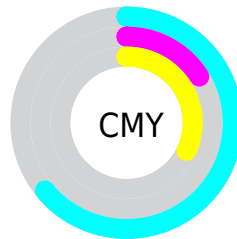
- Red (36%)
- Green (84%)
- Blue (68%)



- Red (36%)
- Yellow (65%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9620, 0.5117, -71.0037 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 172.9620, 0.5117, -71.0037 by changing the saturation by 10% instead.

■ 172.9620, 0.5117,
-71.0037

■ 172.9620, 0.5117,
-71.0037

255.0000, 0.0000,
0.0000

■ 143.8800, 1.5382,
-73.5628

■ 220.9400, 3.9736,
-61.3374

■ 110.8400, 5.5019,
-84.9287

■ 232.8740, 10.9081,
-45.4935

■ 88.5420, 4.1698,
-77.6513

■ 241.5450, 6.6333,
-27.6650

■ 70.5440, 1.2108,
-61.8671

■ 250.5150, 2.2111,
-9.2217

■ 53.2470, -1.6008,
-46.6976

■ 36.7650, -3.8281,
-32.2429

■ 21.1150, -7.9447,

-18.5179

■ 0.0000, 0.0000,
0.0000

■ 172.9620, 0.5117,
-71.0037

■ 172.9620, 0.5117,
-71.0037

■ 165.8850, 0.5497,
-83.2141

■ 180.0390, 0.4738,
-58.7932

■ 158.5090, 0.7351,
-96.0394

■ 187.4150, 0.2884,
-45.9680

■ 151.4320, 0.7730,
-108.2499

■ 194.4920, 0.2504,
-33.7575

■ 144.0560, 0.9584,
-121.0751

■ 201.8680, 0.0651,
-20.9322

■ 142.0340, 0.9692,
-124.5638

■ 208.9450, 0.0271,
-8.7218

■ 216.0220, -0.0108,
3.4887

■ 223.3980, -0.1962,
16.3140

■ 228.0830, 0.9451,
23.6062

■ 228.8810, 4.0027,
22.9064

Harmonies

Analogous

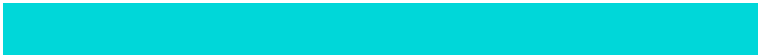
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.8520, -22.6050, -29.6882



172.9620, 0.5117, -71.0037



150.9430, 32.5661, -132.3770

Triad

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



172.9620, 0.5117, -71.0037



191.4410, 31.3346, -17.0498



191.3110, -28.2543, 55.8553

Complementary

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



172.9620, 0.5117, -71.0037



133.0380, -0.5117, 71.0037

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.



190.1320, -9.9251, 56.8892



172.9620, 0.5117, -71.0037



198.1090, 25.0893, 26.2144

Square

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



172.9620, 0.5117, -71.0037



176.3480, 38.7754, -70.4652



195.5070, 8.1310, 52.1754



191.6280, -39.2566, 38.0372

Rectangle

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



172.9620, 0.5117, -71.0037



152.6190, 44.0648, -133.8469



195.5070, 8.1310, 52.1754



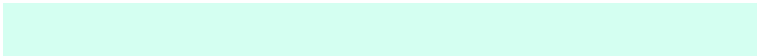
190.2170, -22.2920, 56.8147

Sweetspot

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



172.9620, 0.5117, -71.0037



240.5470, 0.2233, -25.0357



175.8730, -41.3494, -37.5996



119.2000, -0.0986, -15.0844



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.



172.9620, 0.5117, -71.0037



196.7750, 0.6039, -100.6577



165.7820, 23.7715, -64.7068



103.3690, 0.3111, -6.4626



113.4870, 0.7459, -99.5281



28.5470, 0.2233, -25.0357

Inverse Universe

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



133.0380, -0.5117, 71.0037



140.1110, -1.0407, 100.7577



140.2180, -23.7715, 64.7068



99.7450, 0.1257, 6.3626



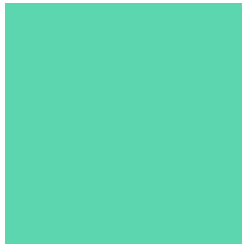
57.5130, -0.7459, 99.5281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 172.9620, 0.5117, -71.0037 looks on a white background.

Color Contrast Check

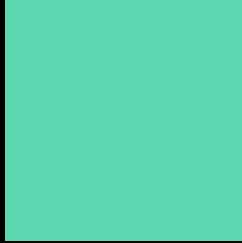
Large Text (above 18pt) WCAG AA × Fail

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 172.9620, 0.5117, -71.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

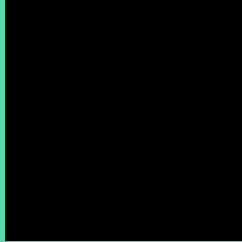
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

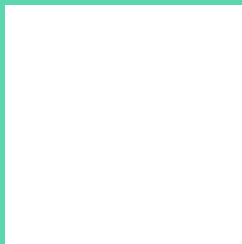
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.9620, 0.5117, -71.0037

Background



This preview shows how black text looks on a background with the YUV color 172.9620, 0.5117, -71.0037.



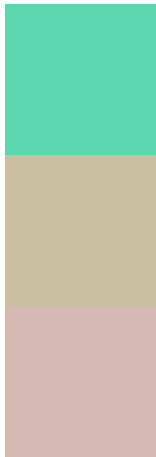
This preview shows how white text looks on a background with the YUV color 172.9620, 0.5117,

-71.0037.

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

172.9620, 0.5117, -71.0037

Protanopia

190.9830, -14.2886, 9.6619

Deuteranopia

193.4000, -6.6062, 18.9432



Tritanopia

179.6360, 21.8715, -61.9478

Trichromacy



Original Color

172.9620, 0.5117, -71.0037



Protanomaly

184.1750, -8.9603, -19.4475



Deuteranomaly

186.1740, -4.0298, -14.1846



Tritanomaly

177.5510, 14.0254, -65.3812

Monochromacy



Original Color

172.9620, 0.5117, -71.0037



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.1340, -0.0661, -25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9620, 0.5117, -71.0037 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, 214, 174)` looks like.

```
.text, #text, p{  
    color:rgb(92, 214, 174)  
}
```

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, 214, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 214, 174) }
```

Border

The CSS property to change the border of an element to YUV 172.9620, 0.5117, -71.0037 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, 214, 174) }
```


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

```
.border{ border-color:rgb(92, 214, 174) }
```

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

Here you see how a box with a 4 pixel rgb(92, 214, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 214, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 214, 174);  
box-shadow:4px 4px 4px 4px rgb(92, 214,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 172.9620, 0.5117, -71.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 214, 174) }
```

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

```
.background{ background-color: rgb(92, 214,  
174) }
```

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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