

Converting Colors

YUV(168.6970, 12.4744,
-81.2953)

Have a look what the booklet for
YUV(168.6970, 12.4744, -81.2953)
contains.

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Color

**YUV(168.6970, 12.4744,
-81.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	4CD3C2
RGB	76, 211, 194
RGB Percent	30%, 83%, 76%
CMY	0.7020, 0.1725, 0.2392
CMYK	0.64, 0.00, 0.08, 0.17
HSL	172°, 61%, 56%
HSV	172°, 64%, 83%
XYZ	36.0124, 52.0201, 59.1818
YIQ	168.6970, -75.0030, -33.9070

Conversions

Conversions Part 2

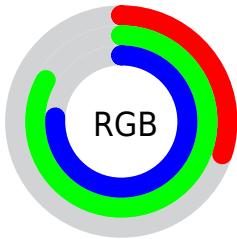
Format	Color
RYB	76, 148, 211
Decimal	5034946
CIELab	77.29, -40.32, -2.37
CIElCh	77, 40.389, 183.364
Yxy	52.0201, 0.2446, 0.3534
Android (android.graphics.Color)	4283225026 (0xFF4CD3C2)
YUV	168.6970, 12.4744, -81.2953
Hunter-Lab	72.1249, -37.0927, 1.8373

Details

The YUV color **168.6970, 12.4744, -81.2953** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **118.3030, -12.4744, 81.2953**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7460, 14.9152, -70.8142**, and **107.6460, 16.4435, -94.4055** is the 20% darker color. If you saturate the color by 10%, you get **162.0760, 14.2595, -93.9057**, and if you desaturate by 10%, it is **175.3180, 10.6892, -68.6849**.

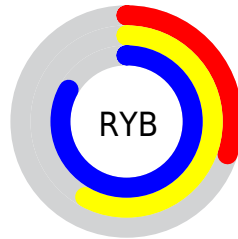
Distribution



Red (30%)

Green (83%)

Blue (76%)



Red (30%)

Yellow (58%)

Blue (83%)

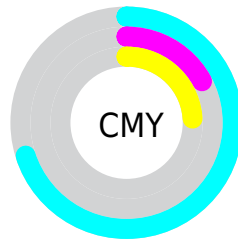


Cyan (64%)

Magenta (0%)

Yellow (8%)

Black (17%)



Cyan (70%)

Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6970, 12.4744, -81.2953 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 168.6970, 12.4744, -81.2953 by changing the saturation by 10% instead.

■ 168.6970, 12.4744,
-81.2953

■ 168.6970, 12.4744,
-81.2953

255.0000, 0.0000,
0.0000

■ 137.2230, 14.6801,
-88.7726

■ 219.7460, 14.9152,
-70.8142

■ 107.6460, 16.4435,
-94.4055

■ 229.2860, 12.6770,
-52.8708

■ 88.8330, 12.9003,
-77.9065

■ 238.5550, 8.1074,
-33.8127

■ 70.8350, 9.9413,
-62.1223

■ 247.5250, 3.6852,
-15.3694

■ 53.4240, 6.6930,
-46.8528

■ 36.8280, 4.0288,
-32.2982

■ 22.1070, 0.9332,

-19.3878

■ 0.0000, 0.0000,
0.0000

■ 168.6970, 12.4744,
-81.2953

■ 168.6970, 12.4744,
-81.2953

■ 162.0760, 14.2595,
-93.9057

■ 175.3180, 10.6892,
-68.6849

■ 155.5690, 16.4815,
-106.6160

■ 181.8250, 8.4673,
-55.9745

■ 148.9480, 18.2666,
-119.2264

■ 188.4460, 6.6821,
-43.3641

■ 144.8330, 19.3093,
-127.0185

■ 195.0670, 4.8970,
-30.7538

■ 201.8730, 2.5276,
-17.4286

■ 208.4940, 0.7425,
-4.8182

■ 215.1150, -1.0427,
7.7921

■ 221.6220, -3.2646,
20.5025

■ 224.9540, -3.4283,
26.3503

Harmonies

Analogous

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



177.8530, -10.7735, -44.5981



168.6970, 12.4744, -81.2953



159.7700, 35.1164, -110.3003

Triad

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



168.6970, 12.4744, -81.2953



194.6010, 28.7907, 5.6119



190.8060, -32.4424, 45.7741

Complementary

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



168.6970, 12.4744, -81.2953



118.3030, -12.4744, 81.2953

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.



191.0150, -19.2344, 56.1148



168.6970, 12.4744, -81.2953



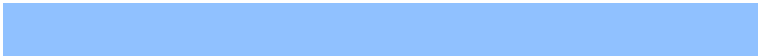
196.0370, 14.2788, 40.3096

Square

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



168.6970, 12.4744, -81.2953



185.4170, 34.3044, -36.3227



192.7710, -2.3521, 54.5748



188.0280, -36.0028, 21.0234

Rectangle

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



168.6970, 12.4744, -81.2953



166.7640, 41.0353, -95.3860



192.7710, -2.3521, 54.5748



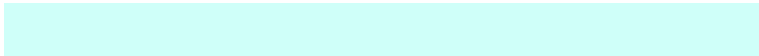
191.6480, -29.4065, 52.0517

Sweetspot

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



168.6970, 12.4744, -81.2953



239.9640, 4.4547, -28.9094



160.6270, -41.7211, -58.4319



118.5740, 2.6750, -18.0434



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.



168.6970, 12.4744, -81.2953



193.5460, 17.9718, -117.9968



141.8720, 34.0801, -57.7697



101.4830, 0.7479, -6.5626



115.3740, 15.5916, -101.1830



28.1710, 3.8597, -24.7060

Inverse Universe

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



118.3030, -12.4744, 81.2953



120.3400, -18.4086, 118.0968



145.7150, -34.3695, 57.2549



97.4030, -1.1847, 6.6626



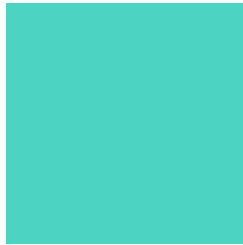
52.6260, -15.5916, 101.1830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 168.6970, 12.4744, -81.2953 looks on a white background.

Color Contrast Check

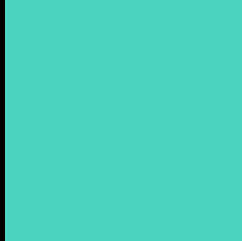
Large Text (above 18pt) WCAG AA × Fail

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 168.6970, 12.4744, -81.2953 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

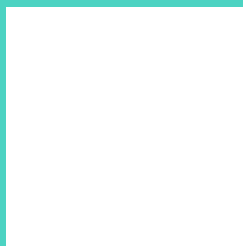
Any Text WCAG AAA ✓ Pass

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

YUV 168.6970, 12.4744, -81.2953 Background



This preview shows how black text looks on a background with the YUV color 168.6970, 12.4744, -81.2953.



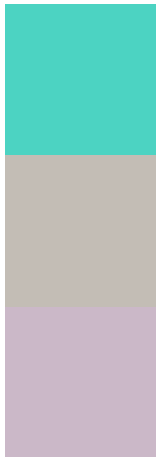
This preview shows how white text looks on a background with the YUV color 168.6970, 12.4744, -81.2953.

-81.2953.

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

168.6970, 12.4744, -81.2953

Protanopia

189.8820, -4.3788, 4.4885

Deuteranopia

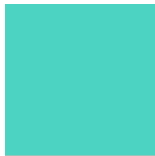
191.5050, 4.1880, 10.0811



Tritanopia

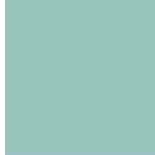
173.5420, 24.3828, -74.1433

Trichromacy



Original Color

168.6970, 12.4744, -81.2953



Protanomaly

182.2910, 1.8285, -26.5652



Deuteranomaly

183.3930, 7.2013, -23.1467



Tritanomaly

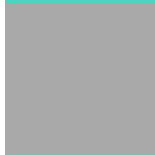
171.3800, 20.0257, -76.6323

Monochromacy



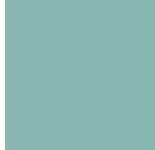
Original Color

168.6970, 12.4744, -81.2953



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.6650, 4.6022, -29.5242

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6970, 12.4744, -81.2953 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(76, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(76, 211, 194)  
}
```

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(76, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 211, 194) }
```

Border

The CSS property to change the border of an element to YUV 168.6970, 12.4744, -81.2953 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(76, 211, 194) }
```


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

```
.border{ border-color:rgb(76, 211, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(76, 211,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 168.6970, 12.4744, -81.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 211, 194) }
```

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

```
.background{ background-color: rgb(76, 211,  
194) }
```

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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