

Converting Colors

YUV(170.5100, 19.4686,
-84.6393)

Have a look what the booklet for
YUV(170.5100, 19.4686, -84.6393)
contains.

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Color

**YUV(170.5100, 19.4686,
-84.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	4AD4D2
RGB	74, 212, 210
RGB Percent	29%, 83%, 82%
CMY	0.7098, 0.1686, 0.1765
CMYK	0.65, 0.00, 0.01, 0.17
HSL	179°, 62%, 56%
HSV	179°, 65%, 83%
XYZ	38.0004, 53.1960, 69.2378
YIQ	170.5100, -81.6060, -29.8780

Conversions

Conversions Part 2

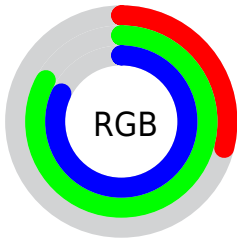
Format	Color
RYB	74, 144, 212
Decimal	4904146
CIELab	77.99, -36.79, -9.93
CIELCh	78, 38.105, 195.109
Yxy	53.1960, 0.2369, 0.3316
Android (android.graphics.Color)	4283094226 (0xFF4AD4D2)
YUV	170.5100, 19.4686, -84.6393
Hunter-Lab	72.9356, -34.6364, -5.2292

Details

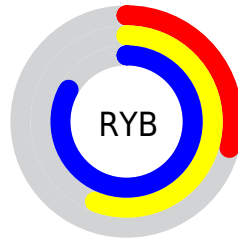
The YUV color **170.5100, 19.4686, -84.6393** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **115.4900, -19.4686, 84.6393**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **109.9430, 22.7061, -96.4200** is the 20% darker color. If you saturate the color by 10%, you get **164.2310, 22.5641, -97.5496**, and if you desaturate by 10%, it is **176.7890, 16.3730, -71.7290**.

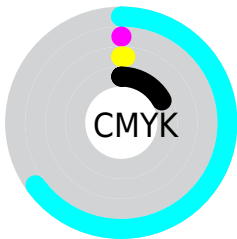
Distribution



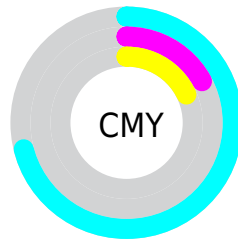
- Red (29%)
- Green (83%)
- Blue (82%)



- Red (29%)
- Yellow (56%)
- Blue (83%)



- Cyan (65%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (71%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5100, 19.4686, -84.6393 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 170.5100, 19.4686, -84.6393 by changing the saturation by 10% instead.

170.5100, 19.4686,
-84.6393

170.5100, 19.4686,
-84.6393

255.0000, 0.0000,
0.0000

137.7260, 21.8271,
-94.4757

220.3160, 17.0992,
-71.3141

109.9430, 22.7061,
-96.4200

229.5850, 12.5296,
-52.2560

91.1300, 19.1629,
-79.9210

238.5550, 8.1074,
-33.8127

73.6050, 15.4777,
-64.5516

247.8240, 3.5378,
-14.7546

56.0800, 11.7926,
-49.1822

39.4840, 9.1284,
-34.6275

25.2360, 5.3067,

-22.1320

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 170.5100, 19.4686,
-84.6393

■ 170.5100, 19.4686,
-84.6393

■ 164.2310, 22.5641,
-97.5496

■ 176.7890, 16.3730,
-71.7290

■ 157.8380, 25.2229,
-110.3599

■ 183.1820, 13.7143,
-58.9186

■ 151.2600, 28.4658,
-123.8850

■ 189.7600, 10.4713,
-45.3935

■ 148.2700, 29.9399,
-130.0328

■ 196.0390, 7.3758,
-32.4832

■ 202.4320, 4.7170,
-19.6729

■ 208.7110, 1.6215,
-6.7625

■ 214.9900, -1.4741,
6.1478

■ 221.5680, -4.7170,
19.6729

■ 224.9710, -5.9017,
26.3354

Harmonies

Analogous

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



178.2630, -2.5947, -54.6047



170.5100, 19.4686, -84.6393



170.6030, 35.1987, -89.9828

Triad

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



170.5100, 19.4686, -84.6393



197.3810, 22.4902, 19.8369



192.2130, -33.1360, 34.8932

Complementary

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



170.5100, 19.4686, -84.6393



115.4900, -19.4686, 84.6393

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.



194.2120, -24.7545, 53.3111



170.5100, 19.4686, -84.6393



197.8330, 6.9843, 46.6275

Square

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



170.5100, 19.4686, -84.6393



192.0280, 31.0452, -17.5646



193.7510, -8.7512, 53.7154



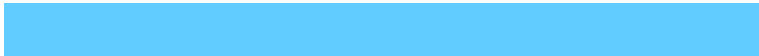
188.6890, -31.8917, 9.0427

Rectangle

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



170.5100, 19.4686, -84.6393



177.5220, 38.1967, -71.4948



193.7510, -8.7512, 53.7154



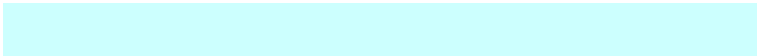
192.4250, -31.2685, 42.6003

Sweetspot

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



170.5100, 19.4686, -84.6393



239.6370, 7.0810, -31.2536



155.6040, -40.2308, -69.8127



118.6170, 4.1328, -18.9581



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.



170.5100, 19.4686, -84.6393



195.1570, 28.0236, -122.0407



131.4090, 39.7314, -50.3477



103.7110, 1.6215, -6.7625



119.5290, 23.8962, -104.8269



30.1430, 6.3385, -26.4354

Inverse Universe

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



115.4900, -19.4686, 84.6393



115.8430, -28.0236, 122.0407



154.5910, -39.7314, 50.3477



99.4030, -1.1847, 6.6626



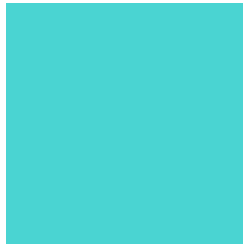
51.3570, -24.3330, 104.9269



12.9710, -5.9017, 26.3354

Previews

White Background



This preview shows how the YUV color 170.5100, 19.4686, -84.6393 looks on a white background.

Color Contrast Check

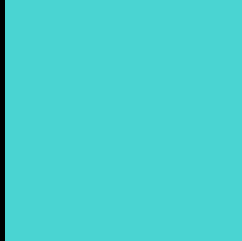
Large Text (above 18pt) WCAG AA × Fail

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 170.5100, 19.4686, -84.6393 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

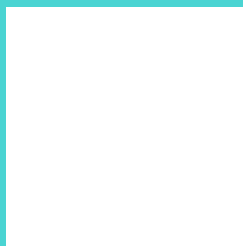
Any Text WCAG AAA ✓ Pass

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

YUV 170.5100, 19.4686, -84.6393 Background



This preview shows how black text looks on a background with the YUV color 170.5100, 19.4686, -84.6393.

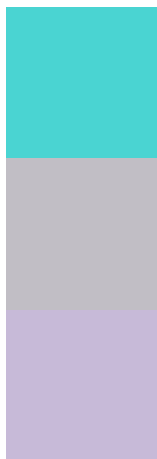


This preview shows how white text looks on a background with the YUV color 170.5100, 19.4686, -84.6393.

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

170.5100, 19.4686, -84.6393

Protanopia

191.6950, 2.6154, 1.1445

Deuteranopia

193.3070, 11.1876, 4.9928



Tritanopia

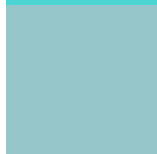
172.9650, 26.1463, -79.7763

Trichromacy



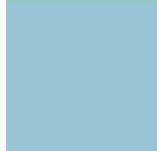
Original Color

170.5100, 19.4686, -84.6393



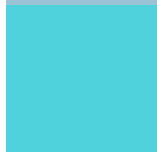
Protanomaly

184.1040, 8.8227, -29.9092



Deuteranomaly

184.9070, 14.3428, -27.1054



Tritanomaly

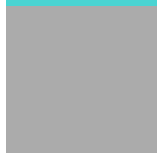
171.9710, 23.6783, -81.5356

Monochromacy



Original Color

170.5100, 19.4686, -84.6393



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9360, 6.9336, -30.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5100, 19.4686, -84.6393 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(74, 212, 210)` looks like.

```
.text, #text, p{  
    color:rgb(74, 212, 210)  
}
```

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(74, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 212, 210) }
```

Border

The CSS property to change the border of an element to YUV 170.5100, 19.4686, -84.6393 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(74, 212, 210) }
```


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

```
.border{ border-color:rgb(74, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(74, 212,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 170.5100, 19.4686, -84.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 212, 210) }
```

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

```
.background{ background-color: rgb(74, 212,  
210) }
```

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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