

Converting Colors

YUV(170.5530, 20.9264,
-85.5540)

Have a look what the booklet for
YUV(170.5530, 20.9264, -85.5540)
contains.

YUV(170.5530, 20.9264, -85.5540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.5530, 20.9264,
-85.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	49D4D5
RGB	73, 212, 213
RGB Percent	29%, 83%, 84%
CMY	0.7137, 0.1686, 0.1647
CMYK	0.66, 0.00, 0.00, 0.16
HSL	180°, 63%, 56%
HSV	180°, 66%, 84%
XYZ	38.3014, 53.3075, 71.2215
YIQ	170.5530, -83.1650, -29.1570

Conversions

Conversions Part 2

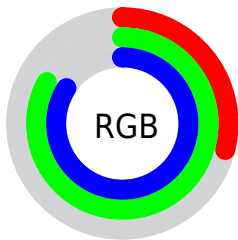
Format	Color
RYB	73, 143, 213
Decimal	4838613
CIELab	78.06, -36.10, -11.45
CIELCh	78, 37.872, 197.592
Yxy	53.3075, 0.2352, 0.3274
Android (android.graphics.Color)	4283028693 (0xFF49D4D5)
YUV	170.5530, 20.9264, -85.5540
Hunter-Lab	73.0120, -34.1317, -6.7276

Details

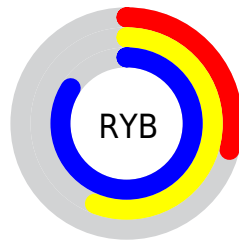
The YUV color **170.5530, 20.9264, -85.5540** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **115.4470, -20.9264, 85.5540**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **110.1710, 23.5797, -96.6200** is the 20% darker color. If you saturate the color by 10%, you get **164.2740, 24.0219, -98.4643**, and if you desaturate by 10%, it is **176.8320, 17.8308, -72.6437**.

Distribution



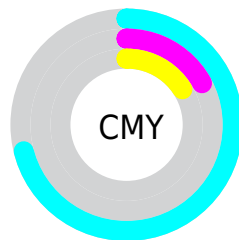
- Red (29%)
- Green (83%)
- Blue (84%)



- Red (29%)
- Yellow (56%)
- Blue (84%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (71%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5530, 20.9264, -85.5540 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 170.5530, 20.9264, -85.5540 by changing the saturation by 10% instead.

■ 170.5530, 20.9264,
-85.5540

■ 170.5530, 20.9264,
-85.5540

■ 255.0000, 0.0000,
0.0000

■ 137.1710, 23.5797,
-96.6200

■ 220.3160, 17.0992,
-71.3141

■ 110.1710, 23.5797,
-96.6200

■ 229.2860, 12.6770,
-52.8708

■ 91.3580, 20.0365,
-80.1210

■ 238.5550, 8.1074,
-33.8127

■ 73.8330, 16.3513,
-64.7515

■ 247.5250, 3.6852,
-15.3694

■ 56.4220, 13.1030,
-49.4821

■ 39.7120, 10.0020,
-34.8274

■ 25.4640, 6.1802,

-22.3319

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 170.5530, 20.9264,
-85.5540

■ 170.5530, 20.9264,
-85.5540

■ 164.2740, 24.0219,
-98.4643

■ 176.8320, 17.8308,
-72.6437

■ 157.6960, 27.2649,
-111.9894

■ 183.4100, 14.5879,
-59.1186

■ 151.4170, 30.3604,
-124.8997

■ 189.6890, 11.4923,
-46.2083

■ 148.1390, 31.9765,
-129.9179

■ 196.5550, 8.1074,
-33.8127

■ 203.1330, 4.8644,
-20.2876

■ 209.4120, 1.7689,
-7.3773

■ 215.6910, -1.3267,
5.5330

■ 221.9700, -4.4222,
18.4433

■ 225.5580, -6.1911,
25.8206

Harmonies

Analogous

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



177.8220, -0.4052, -56.8489



170.5530, 20.9264, -85.5540



172.0270, 35.4827, -87.7237

Triad

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



170.5530, 20.9264, -85.5540



198.0500, 21.1744, 21.8812



192.2020, -33.1306, 33.1488

Complementary

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



170.5530, 20.9264, -85.5540



115.4470, -20.9264, 85.5540

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.



194.3860, -25.3333, 52.2815



170.5530, 20.9264, -85.5540



198.0890, 5.3791, 48.1569

Square

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



170.5530, 20.9264, -85.5540



192.6370, 30.7450, -14.5906



193.9960, -10.3510, 53.5005



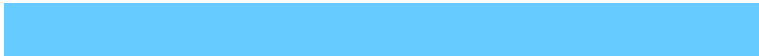
188.4930, -31.3020, 6.5836

Rectangle

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



170.5530, 20.9264, -85.5540



179.3160, 37.3122, -67.8061



193.9960, -10.3510, 53.5005



193.0010, -31.5525, 40.3411

Sweetspot

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



170.5530, 20.9264, -85.5540



239.7510, 7.5178, -31.3536



155.1800, -40.5147, -72.0719



118.1440, 4.8590, -18.5433



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.



170.5530, 20.9264, -85.5540



194.3140, 29.9182, -123.0554



130.0500, 40.8944, -50.0328



103.7110, 1.6215, -6.7625



119.2840, 25.4960, -104.6121



30.1430, 6.3385, -26.4354

Inverse Universe

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



130.7060, 40.0779, 72.1718



136.8990, 57.7308, 103.5746



155.9500, -40.8943, 50.0329



100.5430, 3.1833, 5.6628



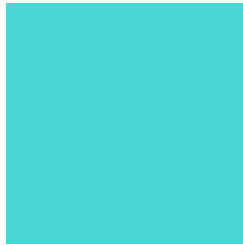
70.5090, 49.0491, 88.1306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 170.5530, 20.9264, -85.5540 looks on a white background.

Color Contrast Check

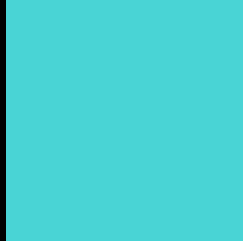
Large Text (above 18pt) WCAG AA × Fail

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 170.5530, 20.9264, -85.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

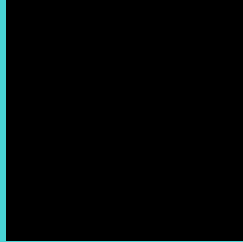
Any Text WCAG AA ✓ Pass

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 170.5530, 20.9264, -85.5540 Background



This preview shows how black text looks on a background with the YUV color 170.5530, 20.9264, -85.5540.



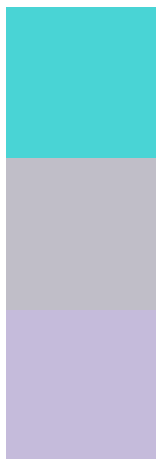
This preview shows how white text looks on a background with the YUV color 170.5530, 20.9264, -85.5540.

-85.5540.

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

170.5530, 20.9264, -85.5540

Protanopia

191.7380, 4.0732, 0.2298

Deuteranopia

193.6380, 12.5035, 2.9485



Tritanopia

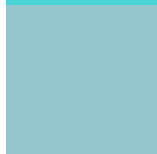
173.0680, 26.5885, -81.6206

Trichromacy



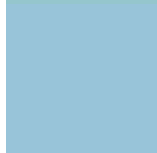
Original Color

170.5530, 20.9264, -85.5540



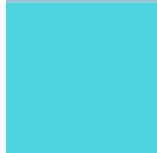
Protanomaly

184.1470, 10.2805, -30.8239



Deuteranomaly

185.2380, 15.6587, -29.1497



Tritanomaly

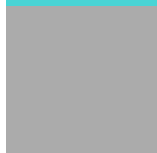
172.1880, 24.5573, -83.4799

Monochromacy



Original Color

170.5530, 20.9264, -85.5540



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.7510, 7.5178, -31.3536

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5530, 20.9264, -85.5540 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(73, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(73, 212, 213)  
}
```

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(73, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 212, 213) }
```

Border

The CSS property to change the border of an element to YUV 170.5530, 20.9264, -85.5540 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(73, 212, 213) }
```


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

```
.border{ border-color:rgb(73, 212, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(73, 212,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 170.5530, 20.9264, -85.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 212, 213) }
```

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

```
.background{ background-color: rgb(73, 212,  
213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor