

Converting Colors

YUV(180.8670, 7.9536,
-77.9364)

Have a look what the booklet for
YUV(180.8670, 7.9536, -77.9364)
contains.

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Color

**YUV(180.8670, 7.9536,
-77.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	5CDFC5
RGB	92, 223, 197
RGB Percent	36%, 87%, 77%
CMY	0.6392, 0.1255, 0.2275
CMYK	0.59, 0.00, 0.12, 0.13
HSL	168°, 67%, 62%
HSV	168°, 59%, 87%
XYZ	40.8794, 59.0819, 62.0727
YIQ	180.8670, -69.7300, -35.8580

Conversions

Conversions Part 2

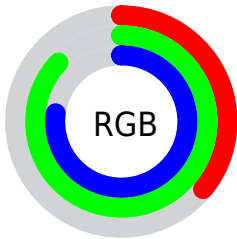
Format	Color
RYB	92, 165, 223
Decimal	6086597
CIELab	81.34, -42.13, 1.99
CIELCh	81, 42.181, 177.301
Yxy	59.0819, 0.2523, 0.3646
Android (android.graphics.Color)	4284276677 (0xFF5CDFC5)
YUV	180.8670, 7.9536, -77.9364
Hunter-Lab	76.8647, -39.5808, 5.9252

Details

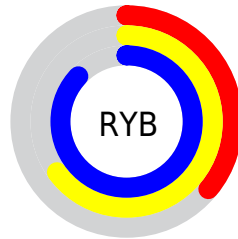
The YUV color **180.8670, 7.9536, -77.9364** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **134.1330, -7.9536, 77.9364**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3880, 14.5987, -62.6073**, and **114.3310, 14.1338, -100.2683** is the 20% darker color. If you saturate the color by 10%, you get **173.8330, 9.4493, -91.0615**, and if you desaturate by 10%, it is **187.9010, 6.4578, -64.8112**.

Distribution



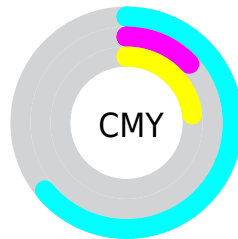
- Red (36%)
- Green (87%)
- Blue (77%)



- Red (36%)
- Yellow (65%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8670, 7.9536, -77.9364 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 180.8670, 7.9536, -77.9364 by changing the saturation by 10% instead.

■ 180.8670, 7.9536,
-77.9364

■ 180.8670, 7.9536,
-77.9364

255.0000, 0.0000,
0.0000

■ 151.1870, 9.2748,
-81.7250

■ 224.3880, 14.5987,
-62.6073

■ 114.3310, 14.1338,
-100.2683

■ 233.4720, 10.6133,
-44.2639

■ 95.6320, 11.0274,
-83.8693

■ 242.4420, 6.1911,
-25.8206

■ 77.5200, 7.6316,
-67.9850

■ 251.4120, 1.7689,
-7.3773

■ 60.2230, 4.8201,
-52.8156

■ 42.9260, 2.0085,
-37.6461

■ 27.7320, -0.3609,

-24.3210

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 180.8670, 7.9536,
-77.9364

■ 180.8670, 7.9536,
-77.9364

■ 173.8330, 9.4493,
-91.0615

■ 187.9010, 6.4578,
-64.8112

■ 166.3860, 10.6557,
-104.7015

■ 195.3480, 5.2514,
-51.1712

■ 159.3520, 12.1515,
-117.8267

■ 202.3820, 3.7557,
-38.0460

■ 152.2040, 13.2104,
-130.8519

■ 209.5300, 2.6967,
-25.0208

■ 151.3070, 13.6526,
-132.6962

■ 216.8630, 1.0535,
-11.2809

■ 224.0110, -0.0054,
1.7444

■ 231.0450, -1.5012,
14.8695

■ 233.5940, -0.7858,
18.7731

■ 234.1640, 1.3981,
18.2732

Harmonies

Analogous

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



189.6210, -15.5892, -40.0096



180.8670, 7.9536, -77.9364



169.8790, 33.0907, -113.9039

Triad

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



180.8670, 7.9536, -77.9364



202.7590, 25.7548, -0.6656



200.4580, -31.2848, 47.8333

Complementary

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



180.8670, 7.9536, -77.9364



134.1330, -7.9536, 77.9364

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.



197.5350, -14.5608, 50.3968



180.8670, 7.9536, -77.9364



207.4540, 18.5102, 36.4358

Square

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



180.8670, 7.9536, -77.9364



192.1400, 30.9900, -46.6038



200.8070, 3.0531, 47.5273



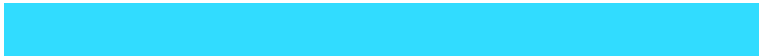
199.3170, -37.6243, 27.7860

Rectangle

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



180.8670, 7.9536, -77.9364



172.8610, 40.4945, -108.6261



200.8070, 3.0531, 47.5273



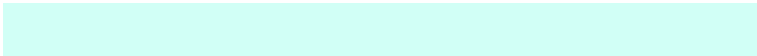
199.1360, -26.1960, 48.9927

Sweetspot

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



180.8670, 7.9536, -77.9364



240.2200, 2.8495, -27.3799



176.6710, -41.7428, -51.4545



118.6450, 1.6540, -17.2287



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.



180.8670, 7.9536, -77.9364



197.7880, 10.9505, -105.9311



160.9380, 30.5966, -60.4586



108.4830, 0.7479, -6.5626



119.3860, 10.6557, -104.7015



32.6220, 3.1444, -28.6095

Inverse Universe

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



134.1330, -7.9536, 77.9364



134.2120, -10.9505, 105.9311



154.0620, -30.5966, 60.4586



104.5170, -0.7479, 6.5626



56.6140, -10.6557, 104.7015



15.4920, -2.7076, 28.5095

Previews

White Background



This preview shows how the YUV color 180.8670, 7.9536, -77.9364 looks on a white background.

Color Contrast Check

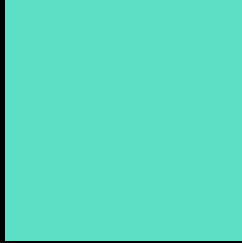
Large Text (above 18pt) WCAG AA × Fail

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 180.8670, 7.9536, -77.9364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

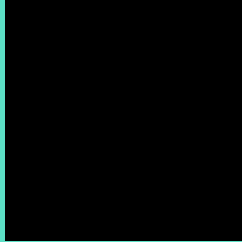
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

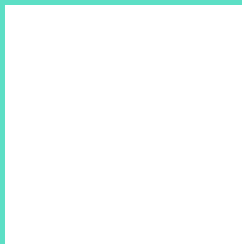
Any Text WCAG AAA ✓ Pass

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

YUV 180.8670, 7.9536, -77.9364 Background



This preview shows how black text looks on a background with the YUV color 180.8670, 7.9536, -77.9364.



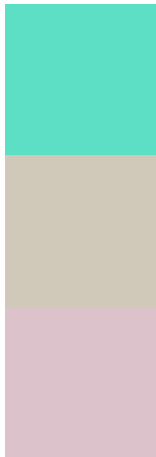
This preview shows how white text looks on a background with the YUV color 180.8670, 7.9536, -77.9364.

-77.9364.

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

180.8670, 7.9536, -77.9364

Protanopia

200.5680, -8.1680, 6.5179

Deuteranopia

202.5010, 0.2460, 14.4696



Tritanopia

186.4500, 23.9352, -70.5546

Trichromacy



Original Color

180.8670, 7.9536, -77.9364



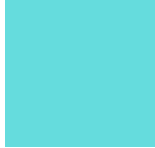
Protanomaly

193.2760, -2.1081, -23.9211



Deuteranomaly

194.9760, 2.9698, -19.2730



Tritanomaly

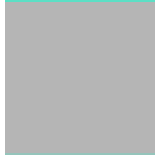
184.5330, 17.9782, -73.2584

Monochromacy



Original Color

180.8670, 7.9536, -77.9364



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9210, 2.9969, -27.9947

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8670, 7.9536, -77.9364 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, 223, 197)` looks like.

```
.text, #text, p{  
    color:rgb(92, 223, 197)  
}
```

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, 223, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 223, 197) }
```

Border

The CSS property to change the border of an element to YUV 180.8670, 7.9536, -77.9364 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, 223, 197) }
```


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

```
.border{ border-color:rgb(92, 223, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 223, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 223, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 223, 197);  
box-shadow:4px 4px 4px 4px rgb(92, 223,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 180.8670, 7.9536, -77.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 223, 197) }
```

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

```
.background{ background-color: rgb(92, 223,  
197) }
```

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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