

Converting Colors

YUV(181.2110, 9.7560,
-49.2970)

Have a look what the booklet for
YUV(181.2110, 9.7560, -49.2970)
contains.

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Color

**YUV(181.2110, 9.7560,
-49.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCEC9
RGB	125, 206, 201
RGB Percent	49%, 81%, 79%
CMY	0.5098, 0.1922, 0.2118
CMYK	0.39, 0.00, 0.02, 0.19
HSL	176°, 45%, 65%
HSV	176°, 39%, 81%
XYZ	41.0714, 52.7196, 63.2696
YIQ	181.2110, -46.6710, -18.7270

Conversions

Conversions Part 2

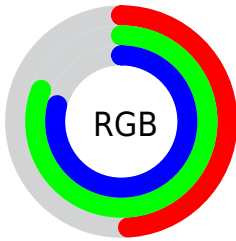
Format	Color
RYB	125, 167, 206
Decimal	8244937
CIELab	77.71, -25.91, -5.33
CIELCh	78, 26.451, 191.618
Yxy	52.7196, 0.2615, 0.3357
Android (android.graphics.Color)	4286435017 (0xFF7DCEC9)
YUV	181.2110, 9.7560, -49.2970
Hunter-Lab	72.6083, -26.0948, -0.8384

Details

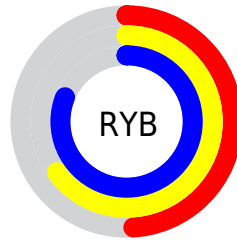
The YUV color **181.2110, 9.7560, -49.2970** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.7890, -9.7560, 49.2970**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **126.0260, 10.3402, -50.0118** is the 20% darker color. If you saturate the color by 10%, you get **174.8180, 12.4147, -62.1074**, and if you desaturate by 10%, it is **187.6040, 7.0972, -36.4867**.

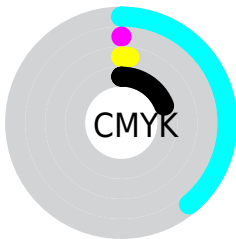
Distribution



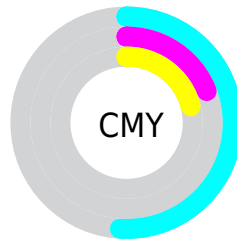
- Red (49%)
- Green (81%)
- Blue (79%)



- Red (49%)
- Yellow (65%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2110, 9.7560, -49.2970 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 181.2110, 9.7560, -49.2970 by changing the saturation by 10% instead.

■ 181.2110, 9.7560,
-49.2970

■ 181.2110, 9.7560,
-49.2970

255.0000, 0.0000,
0.0000

■ 153.3250, 10.1928,
-49.3970

■ 232.8740, 10.9081,
-45.4935

■ 126.0260, 10.3402,
-50.0118

■ 241.5450, 6.6333,
-27.6650

■ 98.8300, 10.9298,
-52.4709

■ 250.2160, 2.3585,
-9.8364

■ 69.7580, 13.4303,
-61.1778

■ 52.9340, 9.8925,
-46.4231

■ 36.2240, 6.7916,
-31.7684

■ 22.6770, 3.1172,

-19.8877

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 181.2110, 9.7560,
-49.2970

■ 181.2110, 9.7560,
-49.2970

■ 174.8180, 12.4147,
-62.1074

■ 187.6040, 7.0972,
-36.4867

■ 168.6100, 14.4893,
-74.2030

■ 193.8120, 5.0227,
-24.3911

■ 162.2170, 17.1480,
-87.0133

■ 200.2050, 2.3639,
-11.5808

■ 156.1230, 19.6594,
-99.2089

■ 206.2990, -0.1474,
0.6148

■ 149.7300, 22.3181,
-112.0192

■ 212.6920, -2.8062,
13.4251

■ 143.2230, 24.5401,
-124.7296

■ 219.1990, -5.0281,
26.1355

■ 142.9240, 24.6875,
-125.3443

■ 221.1070, -5.4758,
29.7242

■ 221.2210, -5.0390,
29.6242

■ 221.3350, -4.6022,
29.5242

Harmonies

Analogous

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



183.7540, -3.8227, -33.9873



181.2110, 9.7560, -49.2970



181.7620, 20.8233, -52.4113

Triad

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



181.2110, 9.7560, -49.2970



195.7190, 16.4075, 10.7704



192.2150, -22.7840, 27.8754

Complementary

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



181.2110, 9.7560, -49.2970



149.7890, -9.7560, 49.2970

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.



194.3010, -16.4174, 39.2010



181.2110, 9.7560, -49.2970



196.0930, 5.8702, 30.6134

Square

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



181.2110, 9.7560, -49.2970



191.8020, 23.7616, -14.7354



195.3580, -6.0925, 40.9050



190.0940, -22.7243, 8.6876

Rectangle

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



181.2110, 9.7560, -49.2970



184.7290, 24.2906, -44.4893



195.3580, -6.0925, 40.9050



193.2910, -21.3425, 32.1938

Sweetspot

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



181.2110, 9.7560, -49.2970



245.5030, 3.6960, -18.8581



174.0420, -24.1777, -38.6248



122.3900, 1.7797, -10.8660



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.



181.2110, 9.7560, -49.2970



218.3220, 14.6313, -73.0734



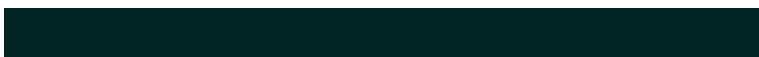
161.2360, 22.0687, -31.7790



98.8960, 1.0373, -6.0478



115.2260, 20.1016, -101.0532



26.4100, 4.7279, -23.1616

Inverse Universe

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



149.7890, -9.7560, 49.2970



171.7920, -14.1945, 72.9734



169.7640, -22.0687, 31.7790



94.9900, -1.4741, 6.1478



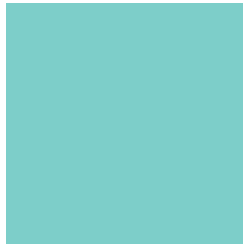
50.7740, -20.1016, 101.0532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 181.2110, 9.7560, -49.2970 looks on a white background.

Color Contrast Check

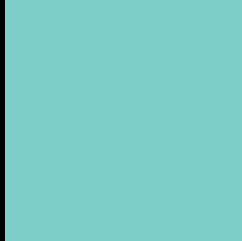
Large Text (above 18pt) WCAG AA × Fail

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 181.2110, 9.7560, -49.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

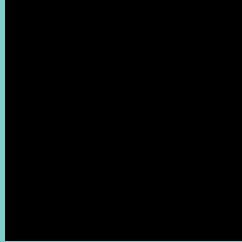
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.2110, 9.7560, -49.2970

Background



This preview shows how black text looks on a background with the YUV color 181.2110, 9.7560, -49.2970.



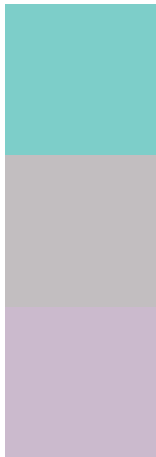
This preview shows how white text looks on a background with the YUV color 181.2110, 9.7560,

-49.2970.

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

181.2110, 9.7560, -49.2970

Protanopia

191.4240, 0.2840, 2.2592

Deuteranopia

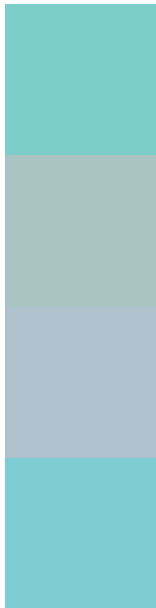
193.2490, 5.7932, 8.5516



Tritanopia

183.1110, 18.1863, -46.5783

Trichromacy



Original Color

181.2110, 9.7560, -49.2970

Protanomaly

187.8130, 3.5432, -16.4990

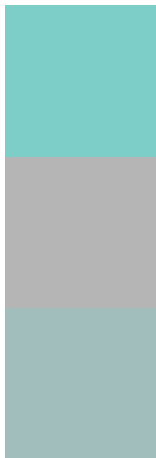
Deuteranomaly

188.8720, 7.4581, -12.1657

Tritanomaly

182.3020, 15.1341, -47.6229

Monochromacy



Original Color

181.2110, 9.7560, -49.2970

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1010, 3.4012, -17.6286

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2110, 9.7560, -49.2970 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(125, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(125, 206, 201)  
}
```

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(125, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 206, 201) }
```

Border

The CSS property to change the border of an element to YUV 181.2110, 9.7560, -49.2970 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(125, 206, 201) }
```


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

```
.border{ border-color:rgb(125, 206, 201) }
```

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

Here you see how a box with a 4 pixel rgb(125, 206, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(125, 206,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 181.2110, 9.7560, -49.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 206, 201) }
```

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

```
.background{ background-color: rgb(125,  
206, 201) }
```

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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