

Converting Colors

YUV(175.1610, 25.5566,
-77.3172)

Have a look what the booklet for
YUV(175.1610, 25.5566, -77.3172)
contains.

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Color

**YUV(175.1610, 25.5566,
-77.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	57D2E3
RGB	87, 210, 227
RGB Percent	34%, 82%, 89%
CMY	0.6588, 0.1765, 0.1098
CMYK	0.62, 0.07, 0.00, 0.11
HSL	187°, 71%, 62%
HSV	187°, 62%, 89%
XYZ	40.8422, 53.6655, 80.8789
YIQ	175.1610, -78.7650, -20.7890

Conversions

Conversions Part 2

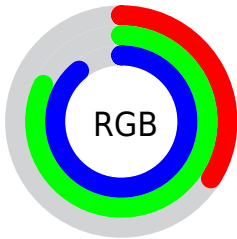
Format	Color
RYB	87, 152, 227
Decimal	5755619
CIELab	78.27, -29.01, -18.60
CIELCh	78, 34.465, 212.664
Yxy	53.6655, 0.2329, 0.3060
Android (android.graphics.Color)	4283945699 (0xFF57D2E3)
YUV	175.1610, 25.5566, -77.3172
Hunter-Lab	73.2567, -28.6817, -14.1793

Details

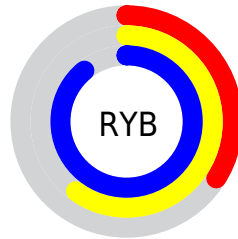
The YUV color **175.1610, 25.5566, -77.3172** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **138.8390, -25.5566, 77.3172**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **110.5930, 30.2737, -96.9901** is the 20% darker color. If you saturate the color by 10%, you get **166.5230, 29.8152, -89.9127**, and if you desaturate by 10%, it is **183.7990, 21.2981, -64.7217**.

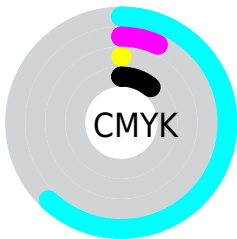
Distribution



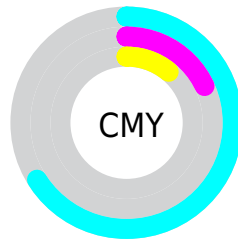
- Red (34%)
- Green (82%)
- Blue (89%)



- Red (34%)
- Yellow (60%)
- Blue (89%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.1610, 25.5566, -77.3172 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 175.1610, 25.5566, -77.3172 by changing the saturation by 10% instead.

175.1610, 25.5566,
-77.3172

175.1610, 25.5566,
-77.3172

255.0000, 0.0000,
0.0000

144.4700, 26.8833,
-82.8502

223.6050, 15.4777,
-64.5516

110.5930, 30.2737,
-96.9901

232.5750, 11.0555,
-46.1083

92.2530, 26.0043,
-80.9059

241.8440, 6.4859,
-27.0502

74.0270, 22.1717,
-64.9217

250.8140, 2.0637,
-8.6069

57.2030, 18.6339,
-50.1670

40.3790, 15.0962,
-35.4124

26.0170, 10.8376,

-22.8169

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 175.1610, 25.5566,
-77.3172

■ 175.1610, 25.5566,
-77.3172

■ 166.5230, 29.8152,
-89.9127

■ 183.7990, 21.2981,
-64.7217

■ 158.1840, 33.9263,
-101.8934

■ 192.1380, 17.1870,
-52.7410

■ 150.1330, 37.8954,
-115.0036

■ 200.1890, 13.2178,
-39.6308

■ 142.6910, 41.5643,
-125.1400

■ 208.8270, 8.9593,
-27.0353

■ 217.4650, 4.7008,
-14.4398

■ 225.8040, 0.5896,
-2.4591

■ 233.8550, -3.3795,
10.6512

■ 238.3070, -5.5744,
14.6398

■ 240.0680, -6.4425,
13.0954

Harmonies

Analogous

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



177.4820, 8.6364, -63.5667



175.1610, 25.5566, -77.3172



181.4260, 33.8070, -63.5176

Triad

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



175.1610, 25.5566, -77.3172



198.5370, 12.5533, 33.7321



191.0970, -30.6138, 19.2089

Complementary

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



175.1610, 25.5566, -77.3172



138.8390, -25.5566, 77.3172

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.



194.3260, -27.7687, 40.0561



175.1610, 25.5566, -77.3172



197.9230, -2.9200, 50.0565

Square

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



175.1610, 25.5566, -77.3172



196.5640, 24.8649, 4.7674



196.1500, -17.3289, 51.6115



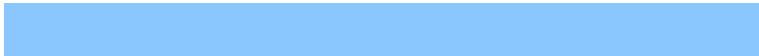
187.9410, -24.1279, -7.8413

Rectangle

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



175.1610, 25.5566, -77.3172



187.4440, 33.3051, -42.4854



196.1500, -17.3289, 51.6115



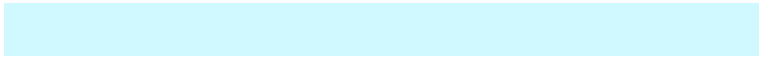
192.4400, -30.7829, 26.8011

Sweetspot

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



175.1610, 25.5566, -77.3172



237.1260, 8.8119, -26.4205



171.0040, -33.5260, -73.6715



116.6820, 5.5798, -16.3841



0.0000, 0.0000, 0.0000



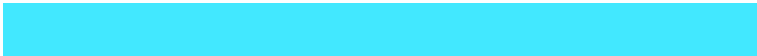
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



175.1610, 25.5566, -77.3172



184.9880, 34.5159, -104.3525



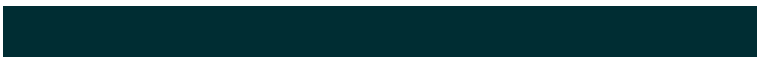
134.6580, 45.5246, -41.7961



110.2380, 2.3477, -6.3477



112.5650, 32.7525, -98.7195



32.2290, 9.2541, -28.2648

Inverse Universe

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



142.8820, 33.0892, 73.7715



141.4350, 44.6485, 99.5965



179.3420, -45.5246, 41.7961



107.7280, 2.5991, 6.3775



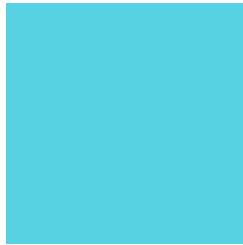
71.4190, 42.1914, 94.3485



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 175.1610, 25.5566, -77.3172 looks on a white background.

Color Contrast Check

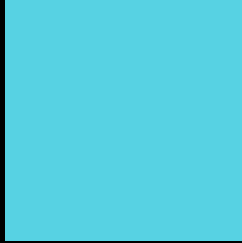
Large Text (above 18pt) WCAG AA × Fail

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 175.1610, 25.5566, -77.3172 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 175.1610, 25.5566, -77.3172 Background



This preview shows how black text looks on a background with the YUV color 175.1610, 25.5566, -77.3172.

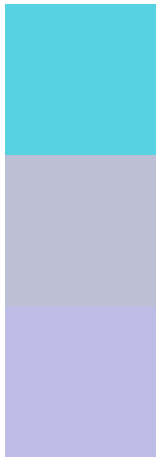


This preview shows how white text looks on a background with the YUV color 175.1610, 25.5566, -77.3172.

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

175.1610, 25.5566, -77.3172

Protanopia

193.1380, 10.7780, -3.6290

Deuteranopia

193.9130, 18.7769, -2.5547



Tritanopia

175.1610, 25.5566, -77.3172

Trichromacy



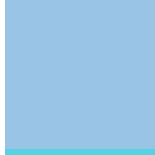
Original Color

175.1610, 25.5566, -77.3172



Protanomaly

186.6400, 15.9535, -30.3793



Deuteranomaly

187.0190, 21.1896, -29.8347



Tritanomaly

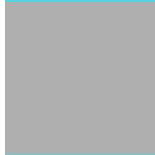
175.1610, 25.5566, -77.3172

Monochromacy



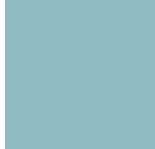
Original Color

175.1610, 25.5566, -77.3172



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.2290, 9.2541, -28.2648

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1610, 25.5566, -77.3172 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(87, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(87, 210, 227)  
}
```

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(87, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 210, 227) }
```

Border

The CSS property to change the border of an element to YUV 175.1610, 25.5566, -77.3172 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(87, 210, 227) }
```


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

```
.border{ border-color:rgb(87, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(87, 210,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 175.1610, 25.5566, -77.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 210, 227) }
```

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

```
.background{ background-color: rgb(87, 210,  
227) }
```

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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