

Converting Colors

YUV(179.6210, 31.2458,
-82.1056)

Have a look what the booklet for
YUV(179.6210, 31.2458, -82.1056)
contains.

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Color

**YUV(179.6210, 31.2458,
-82.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	56D7F3
RGB	86, 215, 243
RGB Percent	34%, 84%, 95%
CMY	0.6627, 0.1569, 0.0471
CMYK	0.65, 0.12, 0.00, 0.05
HSL	191°, 87%, 65%
HSV	191°, 65%, 95%
XYZ	44.3159, 57.0504, 93.4702
YIQ	179.6210, -85.8720, -18.6400

Conversions

Conversions Part 2

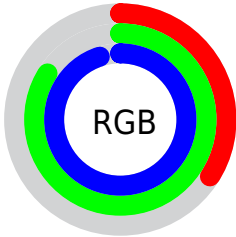
Format	Color
R_{YB}	86, 157, 243
Decimal	5691379
CIE _{Lab}	80.21, -26.98, -24.20
CIE _{LCh}	80, 36.243, 221.899
Yxy	57.0504, 0.2275, 0.2928
Android (android.graphics.Color)	4283881459 (0xFF56D7F3)
YUV	179.6210, 31.2458, -82.1056
Hunter-Lab	75.5317, -27.4512, -20.4989

Details

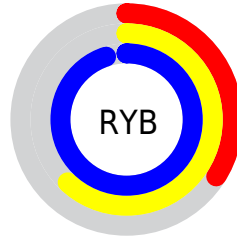
The YUV color **179.6210, 31.2458, -82.1056** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **149.3790, -31.2458, 82.1056**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **115.2380, 35.3787, -101.0637** is the 20% darker color. If you saturate the color by 10%, you get **170.0970, 35.9412, -94.8011**, and if you desaturate by 10%, it is **189.1450, 26.5505, -69.4102**.

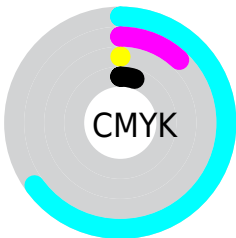
Distribution



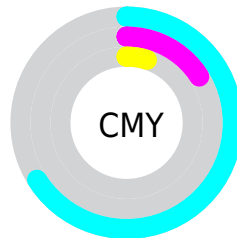
- Red (34%)
- Green (84%)
- Blue (95%)



- Red (34%)
- Yellow (62%)
- Blue (95%)



- Cyan (65%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (66%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.6210, 31.2458, -82.1056 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 179.6210, 31.2458, -82.1056 by changing the saturation by 10% instead.

179.6210, 31.2458,
-82.1056

179.6210, 31.2458,
-82.1056

255.0000, 0.0000,
0.0000

148.0330, 33.0147,
-89.4829

223.9040, 15.3303,
-63.9368

115.2380, 35.3787,
-101.0637

233.1730, 10.7607,
-44.8787

96.8980, 31.1093,
-84.9795

242.4420, 6.1911,
-25.8206

78.6720, 27.2767,
-68.9953

251.4120, 1.7689,
-7.3773

61.0330, 23.1547,
-53.5259

44.7960, 19.3276,
-39.2861

29.2600, 15.6478,

-25.6610

■ 6.7940, 15.8776,
-5.9583

■ 2.5250, 7.1362,
-2.2144

■ 179.6210, 31.2458,
-82.1056

■ 179.6210, 31.2458,
-82.1056

■ 170.0970, 35.9412,
-94.8011

■ 189.1450, 26.5505,
-69.4102

■ 159.6870, 41.0733,
-107.5965

■ 199.5550, 21.4184,
-56.6147

■ 150.1630, 45.7686,
-120.2920

■ 209.0790, 16.7231,
-43.9193

■ 145.1020, 48.2637,
-127.2545

■ 218.6030, 12.0277,
-31.2238

■ 228.7140, 7.0430,
-19.0432

■ 238.5370, 2.2003,
-5.7329

■ 247.7620, -2.3477,
6.3477

■ 250.6970, -3.7946,
3.7737

■ 253.0450, -4.9522,
1.7145

Harmonies

Analogous

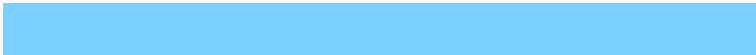
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180.5390, 15.5103, -75.0177



179.6210, 31.2458, -82.1056



187.6440, 33.2065, -57.5698

Triad

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



179.6210, 31.2458, -82.1056



204.1530, 8.3056, 42.8388



195.5260, -31.3183, 11.8167

Complementary

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



179.6210, 31.2458, -82.1056



149.3790, -31.2458, 82.1056

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.



198.6800, -31.3942, 36.2376



179.6210, 31.2458, -82.1056



199.1140, -5.9722, 49.0120

Square

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



179.6210, 31.2458, -82.1056



203.0600, 22.6484, 15.7334



198.9880, -21.6861, 49.1225



191.2710, -21.3326, -17.7777

Rectangle

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



179.6210, 31.2458, -82.1056



194.0000, 30.0730, -32.4490



198.9880, -21.6861, 49.1225



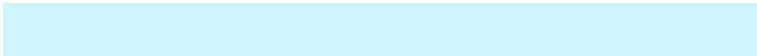
196.9400, -32.5084, 20.2236

Sweetspot

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



179.6210, 31.2458, -82.1056



235.3650, 9.6801, -24.8761



181.1230, -34.0776, -83.4229



115.5080, 6.1586, -15.3545



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.



179.6210, 31.2458, -82.1056



174.9540, 39.4627, -104.3227



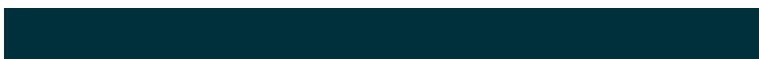
134.4220, 53.5290, -42.4661



117.2380, 2.3477, -6.3477



111.0150, 36.9676, -97.3602



34.9020, 11.8803, -30.6091

Inverse Universe

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



147.6490, 33.2040, 83.6228



134.1970, 42.3009, 105.9442



194.5780, -53.5290, 42.4661



114.7280, 2.5991, 6.3775



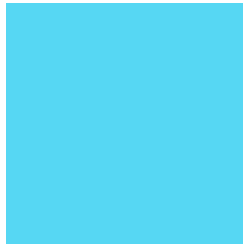
73.0560, 39.4124, 99.0519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 179.6210, 31.2458, -82.1056 looks on a white background.

Color Contrast Check

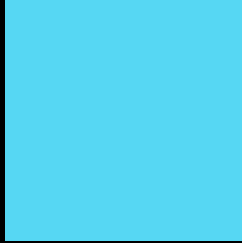
Large Text (above 18pt) WCAG AA × Fail

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 179.6210, 31.2458, -82.1056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

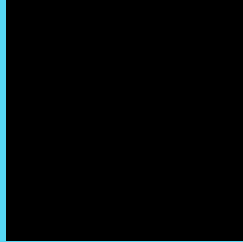
Any Text WCAG AA ✓ Pass

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 179.6210, 31.2458, -82.1056 Background



This preview shows how black text looks on a background with the YUV color 179.6210, 31.2458, -82.1056.

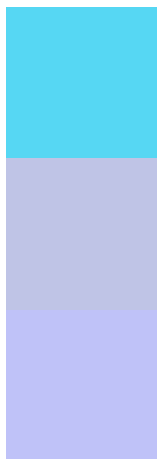


This preview shows how white text looks on a background with the YUV color 179.6210, 31.2458, -82.1056.

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

179.6210, 31.2458, -82.1056

Protanopia

198.3810, 15.5882, -6.4731

Deuteranopia

199.2590, 24.0293, -7.2431



Tritanopia

177.6870, 27.7623, -84.7945

Trichromacy



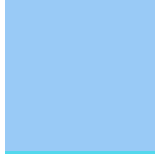
Original Color

179.6210, 31.2458, -82.1056



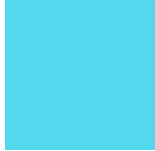
Protanomaly

191.6980, 21.3479, -33.9381



Deuteranomaly

192.3650, 26.4421, -34.5231



Tritanomaly

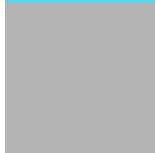
178.6270, 28.7779, -83.8649

Monochromacy



Original Color

179.6210, 31.2458, -82.1056



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.0870, 11.2961, -29.8943

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.6210, 31.2458, -82.1056 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(86, 215, 243)` looks like.

```
.text, #text, p{  
    color:rgb(86, 215, 243)  
}
```

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(86, 215, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 215, 243) }
```

Border

The CSS property to change the border of an element to YUV 179.6210, 31.2458, -82.1056 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(86, 215, 243) }
```


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

```
.border{ border-color:rgb(86, 215, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 215, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 215, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 215, 243);  
box-shadow:4px 4px 4px 4px rgb(86, 215,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 179.6210, 31.2458, -82.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 215, 243) }
```

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

```
.background{ background-color: rgb(86, 215,  
243) }
```

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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