

Converting Colors

YUV(183.9130, 21.7349,
-64.8217)

Have a look what the booklet for
YUV(183.9130, 21.7349, -64.8217)
contains.

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Color

**YUV(183.9130, 21.7349,
-64.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	6ED5E4
RGB	110, 213, 228
RGB Percent	43%, 84%, 89%
CMY	0.5686, 0.1647, 0.1059
CMYK	0.52, 0.07, 0.00, 0.11
HSL	188°, 69%, 66%
HSV	188°, 52%, 89%
XYZ	44.2282, 56.5049, 81.9743
YIQ	183.9130, -66.2030, -17.1710

Conversions

Conversions Part 2

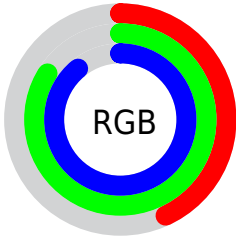
Format	Color
RYB	110, 165, 228
Decimal	7263716
CIELab	79.90, -25.91, -16.60
CIELCh	80, 30.767, 212.647
Yxy	56.5049, 0.2421, 0.3093
Android (android.graphics.Color)	4285453796 (0xFF6ED5E4)
YUV	183.9130, 21.7349, -64.8217
Hunter-Lab	75.1698, -26.5216, -12.0382

Details

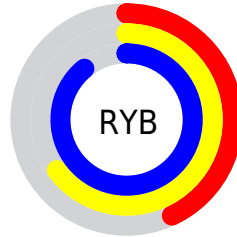
The YUV color **183.9130, 21.7349, -64.8217** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **154.0870, -21.7349, 64.8217**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **125.6240, 23.3564, -71.5842** is the 20% darker color. If you saturate the color by 10%, you get **175.2750, 25.9934, -77.4172**, and if you desaturate by 10%, it is **192.5510, 17.4764, -52.2262**.

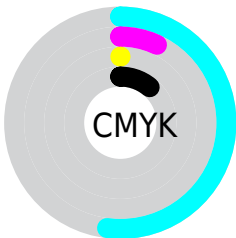
Distribution



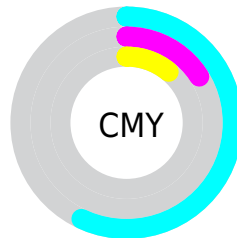
- Red (43%)
- Green (84%)
- Blue (89%)



- Red (43%)
- Yellow (65%)
- Blue (89%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.9130, 21.7349, -64.8217 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 183.9130, 21.7349, -64.8217 by changing the saturation by 10% instead.

183.9130, 21.7349,
-64.8217

183.9130, 21.7349,
-64.8217

255.0000, 0.0000,
0.0000

155.0160, 22.1771,
-66.6660

229.2860, 12.6770,
-52.8708

125.6240, 23.3564,
-71.5842

238.2560, 8.2548,
-34.4275

94.1280, 25.5729,
-82.5503

247.2260, 3.8326,
-15.9842

75.9020, 21.7403,
-66.5661

59.0780, 18.2025,
-51.8114

42.2540, 14.6648,
-37.0568

27.3050, 10.6956,

-23.9465

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 183.9130, 21.7349,
-64.8217

■ 183.9130, 21.7349,
-64.8217

■ 175.2750, 25.9934,
-77.4172

■ 192.5510, 17.4764,
-52.2262

■ 166.6370, 30.2520,
-90.0126

■ 201.1890, 13.2178,
-39.6308

■ 158.2980, 34.3631,
-101.9933

■ 209.5280, 9.1067,
-27.6501

■ 149.6600, 38.6216,
-114.5888

■ 218.1660, 4.8482,
-15.0546

■ 142.8050, 42.0011,
-125.2400

■ 226.2170, 0.8790,
-1.9443

■ 234.8550, -3.3795,
10.6512

■ 239.0080, -5.4269,
14.0250

■ 240.7690, -6.2951,
12.4806

■ 242.5300, -7.1633,
10.9362

Harmonies

Analogous

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



185.1950, 7.2989, -54.5450



183.9130, 21.7349, -64.8217



188.3410, 29.4119, -53.7961

Triad

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



183.9130, 21.7349, -64.8217



202.7600, 10.9643, 30.0285



196.2970, -27.2614, 17.2795

Complementary

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



183.9130, 21.7349, -64.8217



154.0870, -21.7349, 64.8217

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.



198.7000, -24.9951, 37.0971



183.9130, 21.7349, -64.8217



202.3030, -2.6144, 45.3383

Square

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



183.9130, 21.7349, -64.8217



201.1680, 22.1022, 4.2377



201.0570, -16.2971, 47.3080



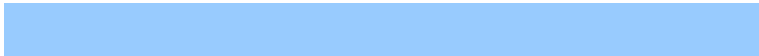
193.2230, -21.8019, -7.2116

Rectangle

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



183.9130, 21.7349, -64.8217



193.5650, 29.7945, -36.4525



201.0570, -16.2971, 47.3080



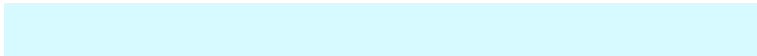
197.2270, -27.7199, 24.3569

Sweetspot

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



183.9130, 21.7349, -64.8217



239.8060, 7.4906, -22.6319



180.8620, -28.0330, -62.1460



118.1770, 4.8427, -13.3102



0.0000, 0.0000, 0.0000



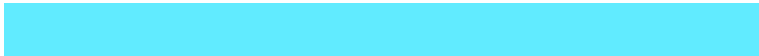
128.0000, 0.0000, 0.0000

Same Dimension

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



183.9130, 21.7349, -64.8217



196.0180, 29.0781, -86.8388



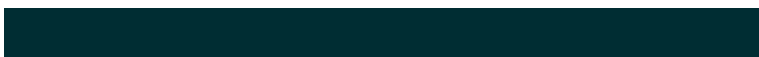
149.8670, 38.5196, -34.9634



110.2380, 2.3477, -6.3477



111.9780, 33.0418, -98.2047



32.2290, 9.2541, -28.2648

Inverse Universe

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



157.0240, 27.5962, 62.2460



159.9740, 36.9878, 83.3378



188.1330, -38.5196, 34.9634



107.7280, 2.5991, 6.3775



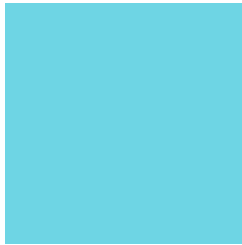
71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 183.9130, 21.7349, -64.8217 looks on a white background.

Color Contrast Check

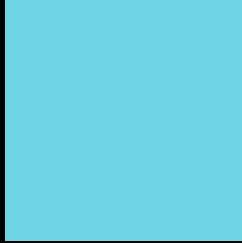
Large Text (above 18pt) WCAG AA × Fail

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 183.9130, 21.7349, -64.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

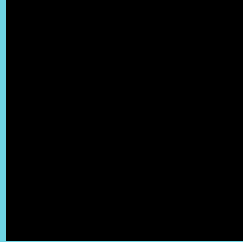
Any Text WCAG AA ✓ Pass

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 183.9130, 21.7349, -64.8217 Background



This preview shows how black text looks on a background with the YUV color 183.9130, 21.7349, -64.8217.



This preview shows how white text looks on a background with the YUV color 183.9130, 21.7349, -64.8217.

-64.8217.

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

183.9130, 21.7349, -64.8217

Protanopia

198.0950, 9.3202, -2.7143

Deuteranopia

198.6530, 16.4401, 0.3043



Tritanopia

184.4400, 22.4611, -64.4069

Trichromacy



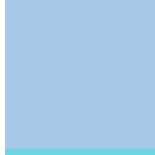
Original Color

183.9130, 21.7349, -64.8217



Protanomaly

192.8040, 13.9006, -25.2611



Deuteranomaly

193.6670, 18.4052, -23.3870



Tritanomaly

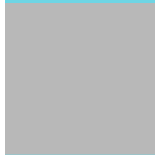
184.3260, 22.0243, -64.3069

Monochromacy



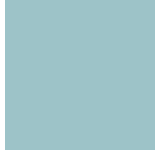
Original Color

183.9130, 21.7349, -64.8217



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.2080, 7.7855, -23.8614

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9130, 21.7349, -64.8217 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(110, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(110, 213, 228)  
}
```

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(110, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 213, 228) }
```

Border

The CSS property to change the border of an element to YUV 183.9130, 21.7349, -64.8217 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(110, 213, 228) }
```


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

```
.border{ border-color:rgb(110, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(110, 213,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 183.9130, 21.7349, -64.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 213, 228) }
```

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

```
.background{ background-color: rgb(110,  
213, 228) }
```

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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