

Converting Colors

YUV(183.4830, 23.9189,
-65.3216)

Have a look what the booklet for
YUV(183.4830, 23.9189, -65.3216)
contains.

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Color

**YUV(183.4830, 23.9189,
-65.3216)**

Conversions

Conversions Part 1

Format	Color
Hex	6DD4E8
RGB	109, 212, 232
RGB Percent	43%, 83%, 91%
CMY	0.5725, 0.1686, 0.0902
CMYK	0.53, 0.09, 0.00, 0.09
HSL	190°, 73%, 67%
HSV	190°, 53%, 91%
XYZ	44.4156, 56.1644, 84.8438
YIQ	183.4830, -67.8080, -15.6160

Conversions

Conversions Part 2

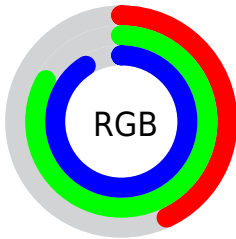
Format	Color
R _{YB}	109, 165, 232
Decimal	7197928
CIE Lab	79.71, -24.53, -19.03
CIE LCh	80, 31.044, 217.805
Yxy	56.1644, 0.2395, 0.3029
Android (android.graphics.Color)	4285388008 (0xFF6DD4E8)
YUV	183.4830, 23.9189, -65.3216
Hunter-Lab	74.9429, -25.3603, -14.6629

Details

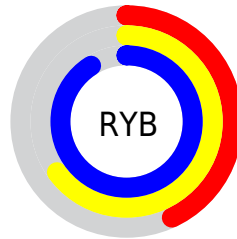
The YUV color **183.4830, 23.9189, -65.3216** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.5170, -23.9189, 65.3216**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9870, 12.8244, -53.4856**, and **124.7810, 25.2510, -72.5989** is the 20% darker color. If you saturate the color by 10%, you get **174.2580, 28.4668, -77.4023**, and if you desaturate by 10%, it is **192.7080, 19.3710, -53.2409**.

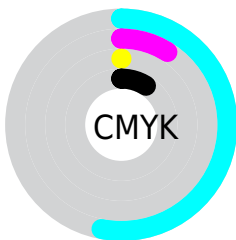
Distribution



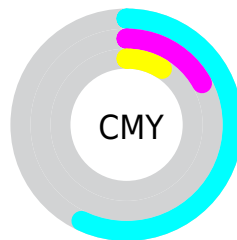
- Red (43%)
- Green (83%)
- Blue (91%)



- Red (43%)
- Yellow (65%)
- Blue (91%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (57%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.4830, 23.9189, -65.3216 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 183.4830, 23.9189, -65.3216 by changing the saturation by 10% instead.

■ 183.4830, 23.9189,
-65.3216

■ 183.4830, 23.9189,
-65.3216

■ 255.0000, 0.0000,
0.0000

■ 154.5860, 24.3611,
-67.1659

■ 228.9870, 12.8244,
-53.4856

■ 124.7810, 25.2510,
-72.5989

■ 237.9570, 8.4022,
-35.0423

■ 93.9970, 27.6095,
-82.4354

■ 246.9270, 3.9800,
-16.5990

■ 75.7710, 23.7769,
-66.4512

■ 58.8330, 19.8023,
-51.5965

■ 42.5960, 15.9752,
-37.3567

■ 27.0600, 12.2954,

-23.7316

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 183.4830, 23.9189,
-65.3216

■ 183.4830, 23.9189,
-65.3216

■ 174.2580, 28.4668,
-77.4023

■ 192.7080, 19.3710,
-53.2409

■ 165.0330, 33.0147,
-89.4829

■ 201.9330, 14.8230,
-41.1602

■ 156.0960, 37.4207,
-102.6932

■ 210.8700, 10.4171,
-27.9500

■ 146.8710, 41.9686,
-114.7739

■ 220.0950, 5.8692,
-15.8693

■ 140.3260, 45.1953,
-123.0659

■ 229.3200, 1.3212,
-3.7886

■ 238.5450, -3.2267,
8.2920

■ 242.3990, -5.1267,
11.0511

■ 244.7470, -6.2843,
8.9919

■ 247.0950, -7.4418,
6.9327

Harmonies

Analogous

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



183.8570, 9.9305, -58.6336



183.4830, 23.9189, -65.3216



188.8900, 30.1272, -49.8925

Triad

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



183.4830, 23.9189, -65.3216



202.2120, 8.7695, 34.0171



195.2750, -27.2506, 13.7908

Complementary

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



183.4830, 23.9189, -65.3216



157.5170, -23.9189, 65.3216

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.



197.7490, -26.0053, 34.4231



183.4830, 23.9189, -65.3216



201.3310, -5.0932, 47.0677

Square

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



183.4830, 23.9189, -65.3216



200.8590, 20.7755, 9.7707



199.8890, -18.1863, 46.5783



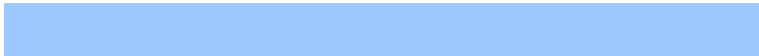
191.6570, -20.0439, -11.1002

Rectangle

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



183.4830, 23.9189, -65.3216



194.2990, 29.9256, -31.8342



199.8890, -18.1863, 46.5783



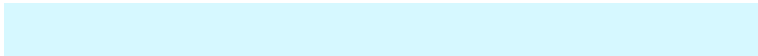
196.2050, -27.7091, 20.8682

Sweetspot

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



183.4830, 23.9189, -65.3216



238.6320, 8.0694, -21.6023



183.2530, -27.7327, -65.1199



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.



183.4830, 23.9189, -65.3216



190.4140, 31.8409, -86.3091



148.2630, 41.2823, -34.4337



110.2380, 2.3477, -6.3477



107.8690, 35.0676, -94.6011



31.0550, 9.8329, -27.2352

Inverse Universe

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



157.5190, 26.8591, 65.3198



156.2410, 35.3772, 86.6116



192.7370, -41.2823, 34.4337



107.7280, 2.5991, 6.3775



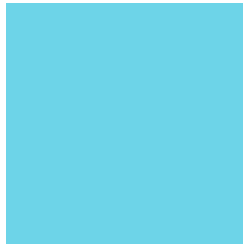
70.5070, 38.6970, 95.1484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 183.4830, 23.9189, -65.3216 looks on a white background.

Color Contrast Check

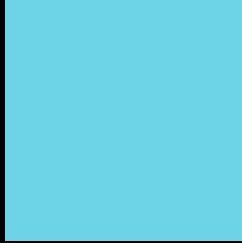
Large Text (above 18pt) WCAG AA × Fail

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 183.4830, 23.9189, -65.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

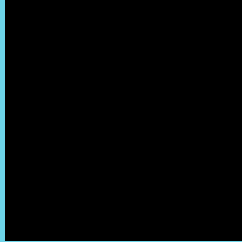
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.4830, 23.9189, -65.3216

Background



This preview shows how black text looks on a background with the YUV color 183.4830, 23.9189, -65.3216.



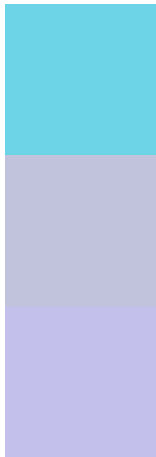
This preview shows how white text looks on a background with the YUV color 183.4830, 23.9189, -65.3216.

-65.3216.

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

183.4830, 23.9189, -65.3216

Protanopia

197.3660, 11.6516, -3.8290

Deuteranopia

198.2120, 18.6295, -1.9399



Tritanopia

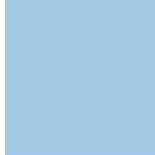
182.9560, 23.1927, -65.7364

Trichromacy



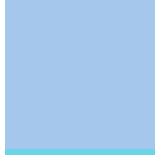
Original Color

183.4830, 23.9189, -65.3216



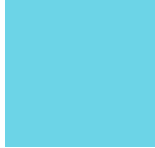
Protanomaly

192.0750, 16.2320, -26.3758



Deuteranomaly

192.6390, 20.8840, -25.1164



Tritanomaly

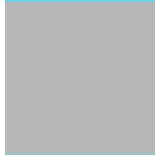
183.0700, 23.6295, -65.8364

Monochromacy



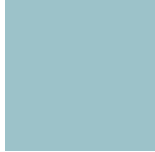
Original Color

183.4830, 23.9189, -65.3216



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.4360, 8.6591, -24.0614

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.4830, 23.9189, -65.3216 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(109, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(109, 212, 232)  
}
```

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(109, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 212, 232) }
```

Border

The CSS property to change the border of an element to YUV 183.4830, 23.9189, -65.3216 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(109, 212, 232) }
```


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

```
.border{ border-color:rgb(109, 212, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 212, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(109, 212,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 183.4830, 23.9189, -65.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 212, 232) }
```

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

```
.background{ background-color: rgb(109,  
212, 232) }
```

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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