

Converting Colors

YUV(184.0770, 23.1330,
-46.5485)

Have a look what the booklet for
YUV(184.0770, 23.1330, -46.5485)
contains.

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Color

**YUV(184.0770, 23.1330,
-46.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	83CAE7
RGB	131, 202, 231
RGB Percent	51%, 79%, 91%
CMY	0.4863, 0.2078, 0.0941
CMYK	0.43, 0.13, 0.00, 0.09
HSL	197°, 68%, 71%
HSV	197°, 43%, 91%
XYZ	44.9044, 52.8359, 83.4329
YIQ	184.0770, -51.6250, -6.0330

Conversions

Conversions Part 2

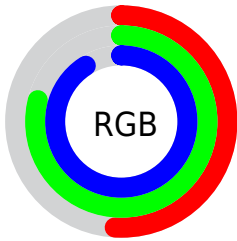
Format	Color
RYB	131, 173, 231
Decimal	8637159
CIELab	77.78, -14.79, -21.33
CIELCh	78, 25.958, 235.256
Yxy	52.8359, 0.2479, 0.2916
Android (android.graphics.Color)	4286827239 (0xFF83CAE7)
YUV	184.0770, 23.1330, -46.5485
Hunter-Lab	72.6883, -16.9331, -17.1723

Details

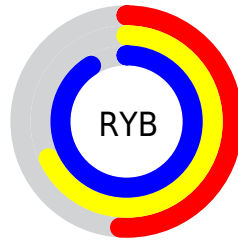
The YUV color **184.0770, 23.1330, -46.5485** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **177.9230, -23.1330, 46.5485**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **128.9520, 22.7017, -48.1929** is the 20% darker color. If you saturate the color by 10%, you get **173.0910, 28.5491, -57.0848**, and if you desaturate by 10%, it is **195.0630, 17.7169, -36.0123**.

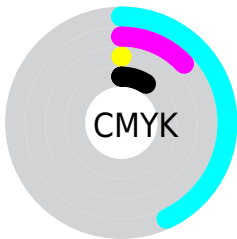
Distribution



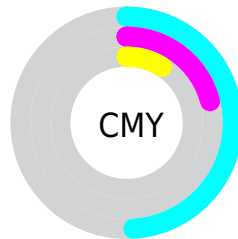
- Red (51%)
- Green (79%)
- Blue (91%)



- Red (51%)
- Yellow (68%)
- Blue (91%)



- Cyan (43%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.0770, 23.1330, -46.5485 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 184.0770, 23.1330, -46.5485 by changing the saturation by 10% instead.

■ 184.0770, 23.1330,
-46.5485

■ 184.0770, 23.1330,
-46.5485

■ 255.0000, 0.0000,
0.0000

■ 156.6640, 22.8436,
-47.0633

■ 234.9670, 9.8763,
-41.1901

■ 128.9520, 22.7017,
-48.1929

■ 243.6380, 5.6015,
-23.3615

■ 101.4570, 23.4387,
-51.2668

■ 252.6080, 1.1793,
-4.9182

■ 70.9610, 25.6552,
-62.2328

■ 54.0230, 21.6807,
-47.3782

■ 38.3730, 17.5641,
-33.6531

■ 23.4240, 13.5950,

-20.5428

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 184.0770, 23.1330,
-46.5485

■ 184.0770, 23.1330,
-46.5485

■ 173.0910, 28.5491,
-57.0848

■ 195.0630, 17.7169,
-36.0123

■ 162.6920, 33.6758,
-68.1359

■ 205.4620, 12.5902,
-24.9612

■ 151.7060, 39.0919,
-78.6722

■ 216.4480, 7.1741,
-14.4249

■ 140.7200, 44.5080,
-89.2084

■ 227.4340, 1.7580,
-3.8886

■ 130.3210, 49.6347,
-100.2595

■ 238.1320, -3.5161,
7.7772

■ 122.6020, 53.4402,
-107.5220

■ 244.6330, -6.7211,
9.0919

■ 248.7420, -8.7468,
5.4883

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



181.2800, 15.1450, -51.1116



184.0770, 23.1330, -46.5485



189.6540, 24.8206, -27.7606

Triad

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



184.0770, 23.1330, -46.5485



196.0460, 0.4703, 35.9167



189.0220, -20.2238, -0.0193

Complementary

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



184.0770, 23.1330, -46.5485



177.9230, -23.1330, 46.5485

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.



191.4590, -22.9043, 19.7685



184.0770, 23.1330, -46.5485



195.0930, -10.8918, 40.2604

Square

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



184.0770, 23.1330, -46.5485



196.5200, 11.5756, 20.5920



193.4700, -19.4587, 34.6678



185.9960, -10.8440, -21.9215

Rectangle

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



184.0770, 23.1330, -46.5485



192.4820, 22.4404, -10.9467



193.4700, -19.4587, 34.6678



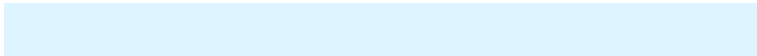
190.0120, -21.6979, 6.1285

Sweetspot

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



184.0770, 23.1330, -46.5485



239.2630, 7.7583, -15.1397



192.8920, -16.7088, -54.2793



118.1990, 4.8319, -9.8215



0.0000, 0.0000, 0.0000



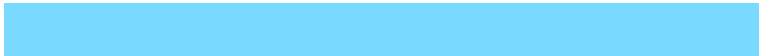
128.0000, 0.0000, 0.0000

Same Dimension

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



184.0770, 23.1330, -46.5485



192.9270, 30.6020, -62.2030



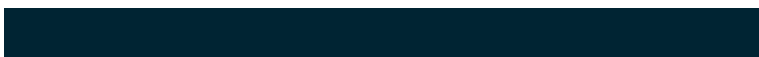
155.3140, 37.3132, -21.3234



109.0640, 2.9264, -5.3181



94.9550, 41.4342, -83.2755



26.9460, 11.8586, -23.6316

Inverse Universe

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



168.9940, 16.2720, 54.3793



172.5970, 21.8907, 72.2674



206.6860, -37.3132, 21.3234



107.5000, 1.7255, 6.5775



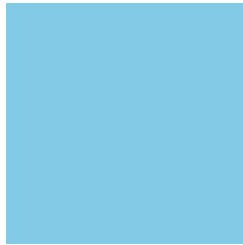
67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 184.0770, 23.1330, -46.5485 looks on a white background.

Color Contrast Check

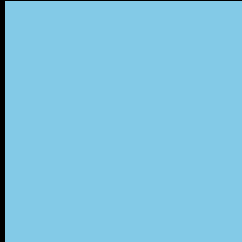
Large Text (above 18pt) WCAG AA × Fail

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 184.0770, 23.1330, -46.5485 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 184.0770, 23.1330, -46.5485

Background



This preview shows how black text looks on a background with the YUV color 184.0770, 23.1330, -46.5485.



This preview shows how white text looks on a background with the YUV color 184.0770, 23.1330, -46.5485.

-46.5485.

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

184.0770, 23.1330, -46.5485

Protanopia

192.2670, 15.1514, -6.3732

Deuteranopia

192.9560, 20.2347, -3.4694



Tritanopia

183.1000, 18.1917, -48.3227

Trichromacy



Original Color

184.0770, 23.1330, -46.5485

Protanomaly

188.9770, 18.2523, -21.0278

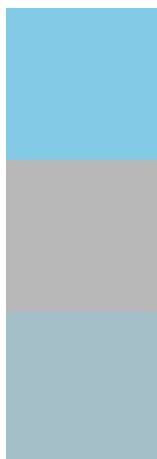
Deuteranomaly

189.4980, 21.4465, -18.8537

Tritanomaly

183.2680, 20.0809, -47.5930

Monochromacy



Original Color

184.0770, 23.1330, -46.5485

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.3660, 8.2006, -16.9840

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.0770, 23.1330, -46.5485 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(131, 202, 231)` looks like.

```
.text, #text, p{  
    color:rgb(131, 202, 231)  
}
```

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(131, 202, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 202, 231) }
```

Border

The CSS property to change the border of an element to YUV 184.0770, 23.1330, -46.5485 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(131, 202, 231) }
```


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

```
.border{ border-color:rgb(131, 202, 231) }
```

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

Here you see how a box with a 4 pixel rgb(131, 202, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 202, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 202, 231);  
box-shadow:4px 4px 4px 4px rgb(131, 202,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 184.0770, 23.1330, -46.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 202, 231) }
```

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

```
.background{ background-color: rgb(131,  
202, 231) }
```

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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