

Converting Colors

YUV(183.8060, 30.6616,
-81.3909)

Have a look what the booklet for
YUV(183.8060, 30.6616, -81.3909)
contains.

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Color

**YUV(183.8060, 30.6616,
-81.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	5BDBF6
RGB	91, 219, 246
RGB Percent	36%, 86%, 96%
CMY	0.6431, 0.1412, 0.0353
CMYK	0.63, 0.11, 0.00, 0.04
HSL	190°, 90%, 66%
HSV	190°, 63%, 96%
XYZ	46.2805, 59.5410, 96.2421
YIQ	183.8060, -84.9550, -18.7390

Conversions

Conversions Part 2

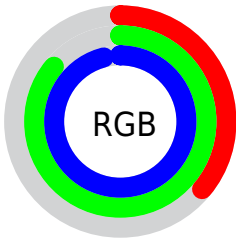
Format	Color
R _Y B	91, 161, 246
Decimal	6020086
CIE Lab	81.59, -27.28, -23.68
CIE LCh	82, 36.126, 220.966
Yxy	59.5410, 0.2290, 0.2947
Android (android.graphics.Color)	4284210166 (0xFF5BDBF6)
YUV	183.8060, 30.6616, -81.3909
Hunter-Lab	77.1628, -27.9748, -19.9361

Details

The YUV color **183.8060, 30.6616, -81.3909** 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 **153.1940, -30.6616, 81.3909**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **117.9280, 35.5315, -103.4229** is the 20% darker color. If you saturate the color by 10%, you get **173.9830, 35.5044, -94.7011**, and if you desaturate by 10%, it is **193.6290, 25.8189, -68.0806**.

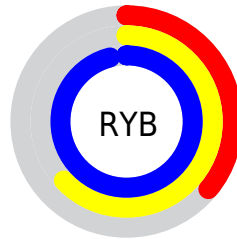
Distribution



Red (36%)

Green (86%)

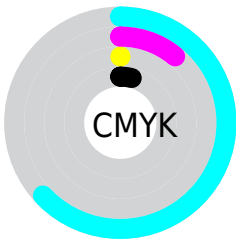
Blue (96%)



Red (36%)

Yellow (63%)

Blue (96%)

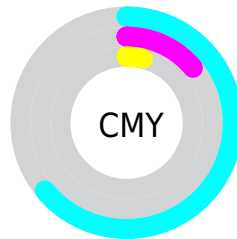


Cyan (63%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (64%)

Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.8060, 30.6616, -81.3909 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 183.8060, 30.6616, -81.3909 by changing the saturation by 10% instead.

183.8060, 30.6616,
-81.3909

183.8060, 30.6616,
-81.3909

255.0000, 0.0000,
0.0000

152.7020, 31.6989,
-87.4387

225.1000, 14.7407,
-61.4777

117.9280, 35.5315,
-103.4229

234.3690, 10.1711,
-42.4196

99.0010, 31.5515,
-86.8239

243.6380, 5.6015,
-23.3615

81.2480, 26.9927,
-71.2545

252.9070, 1.0318,
-4.3034

63.7230, 23.3076,
-55.8851

46.7850, 19.3330,
-41.0304

31.2490, 15.6532,

-27.4054

■ 12.3050, 14.1466,
-10.7915

■ 2.8670, 8.4466,
-2.5144

■ 183.8060, 30.6616,
-81.3909

■ 183.8060, 30.6616,
-81.3909

■ 173.9830, 35.5044,
-94.7011

■ 193.6290, 25.8189,
-68.0806

■ 163.8720, 40.4891,
-106.8817

■ 203.7400, 20.8342,
-55.9000

■ 154.0490, 45.3318,
-120.1920

■ 213.5630, 15.9914,
-42.5898

■ 147.2050, 48.7059,
-129.0988

■ 223.0870, 11.2961,
-29.8943

■ 232.9100, 6.4534,
-16.5841

■ 243.3200, 1.3212,
-3.7886

■ 250.4520, -2.1948,
3.9886

■ 252.8000, -3.3524,
1.9294

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

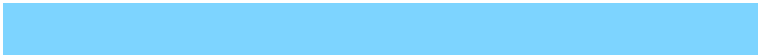
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184.0230, 14.7787, -73.6882



183.8060, 30.6616, -81.3909



190.8890, 31.6067, -57.7847

Triad

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



183.8060, 30.6616, -81.3909



207.6690, 9.0372, 41.5093



199.8250, -31.4657, 12.4315

Complementary

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



183.8060, 30.6616, -81.3909



153.1940, -30.6616, 81.3909

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.



202.3920, -31.2523, 37.3672



183.8060, 30.6616, -81.3909



201.9180, -5.3826, 46.5529

Square

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



183.8060, 30.6616, -81.3909



207.1630, 23.0906, 13.8890



201.9060, -20.6597, 46.5634



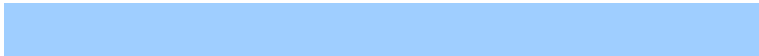
195.4560, -21.9168, -17.0629

Rectangle

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



183.8060, 30.6616, -81.3909



197.5330, 28.3312, -33.7934



201.9060, -20.6597, 46.5634



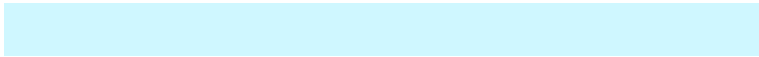
200.6520, -32.3664, 21.3532

Sweetspot

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



183.8060, 30.6616, -81.3909



235.9520, 9.3907, -25.3909



184.9490, -33.4989, -82.3933



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.



183.8060, 30.6616, -81.3909



177.0360, 38.4363, -101.7636



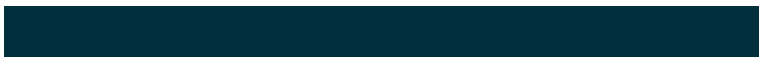
139.1940, 52.6554, -42.2661



117.2380, 2.3477, -6.3477



111.6020, 36.6782, -97.8750



34.9020, 11.8803, -30.6091

Inverse Universe

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



151.9370, 33.0621, 82.4933



137.2460, 41.2907, 103.2703



197.8060, -52.6554, 42.2661



114.7280, 2.5991, 6.3775



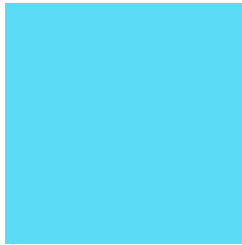
73.1700, 39.8492, 98.9519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 183.8060, 30.6616, -81.3909 looks on a white background.

Color Contrast Check

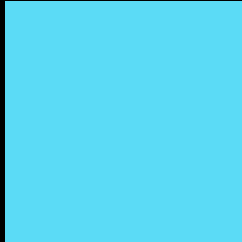
Large Text (above 18pt) WCAG AA × Fail

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 183.8060, 30.6616, -81.3909 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 183.8060, 30.6616, -81.3909

Background



This preview shows how black text looks on a background with the YUV color 183.8060, 30.6616, -81.3909.



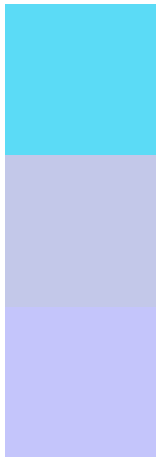
This preview shows how white text looks on a background with the YUV color 183.8060, 30.6616, -81.3909.

-81.3909.

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

183.8060, 30.6616, -81.3909

Protanopia

202.2670, 15.1514, -6.3732

Deuteranopia

202.8570, 23.7345, -6.0136



Tritanopia

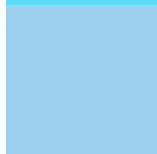
182.2850, 27.4675, -83.5649

Trichromacy



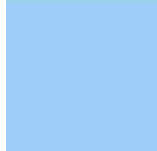
Original Color

183.8060, 30.6616, -81.3909



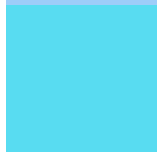
Protanomaly

195.5840, 20.9111, -33.8382



Deuteranomaly

195.9630, 26.1472, -33.2936



Tritanomaly

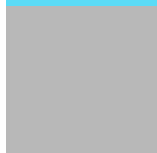
182.9260, 28.6305, -83.2501

Monochromacy



Original Color

183.8060, 30.6616, -81.3909



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.0870, 11.2961, -29.8943

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.8060, 30.6616, -81.3909 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(91, 219, 246)` looks like.

```
.text, #text, p{  
    color:rgb(91, 219, 246)  
}
```

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(91, 219, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 219, 246) }
```

Border

The CSS property to change the border of an element to YUV 183.8060, 30.6616, -81.3909 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(91, 219, 246) }
```


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

```
.border{ border-color:rgb(91, 219, 246) }
```

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

Here you see how a box with a 4 pixel rgb(91, 219, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 219, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 219, 246);  
box-shadow:4px 4px 4px 4px rgb(91, 219,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 183.8060, 30.6616, -81.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 219, 246) }
```

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

```
.background{ background-color: rgb(91, 219,  
246) }
```

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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