

Converting Colors

YUV(176.5160, 23.9026,
-60.0885)

Have a look what the booklet for
YUV(176.5160, 23.9026, -60.0885)
contains.

YUV(176.5160, 23.9026, -60.0885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.5160, 23.9026,
-60.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	6CCA E1
RGB	108, 202, 225
RGB Percent	42%, 79%, 88%
CMY	0.5765, 0.2078, 0.1176
CMYK	0.52, 0.10, 0.00, 0.12
HSL	192°, 66%, 65%
HSV	192°, 52%, 88%
XYZ	40.8955, 50.8654, 78.8968
YIQ	176.5160, -63.4070, -12.7750

Conversions

Conversions Part 2

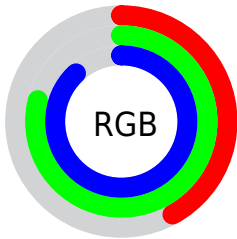
Format	Color
RYB	108, 160, 225
Decimal	7129825
CIELab	76.60, -21.66, -19.99
CIELCh	77, 29.470, 222.703
Yxy	50.8654, 0.2396, 0.2981
Android (android.graphics.Color)	4285319905 (0xFF6CCA E1)
YUV	176.5160, 23.9026, -60.0885
Hunter-Lab	71.3200, -22.4567, -15.6647

Details

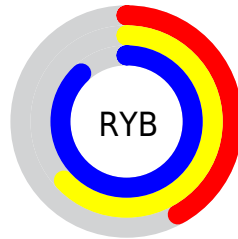
The YUV color **176.5160, 23.9026, -60.0885** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.4840, -23.9026, 60.0885**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **119.1130, 25.0873, -66.7511** is the 20% darker color. If you saturate the color by 10%, you get **167.5900, 28.3031, -71.5544**, and if you desaturate by 10%, it is **185.7410, 19.3547, -48.0079**.

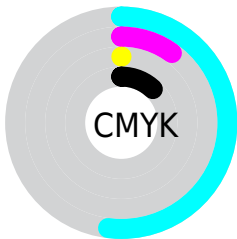
Distribution



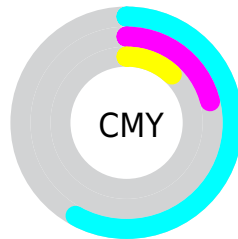
- Red (42%)
- Green (79%)
- Blue (88%)



- Red (42%)
- Yellow (63%)
- Blue (88%)



- Cyan (52%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5160, 23.9026, -60.0885 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 176.5160, 23.9026, -60.0885 by changing the saturation by 10% instead.

■ 176.5160, 23.9026,
-60.0885

■ 176.5160, 23.9026,
-60.0885

■ 255.0000, 0.0000,
0.0000

■ 148.5050, 23.9080,
-61.8329

■ 228.6880, 12.9718,
-54.1004

■ 119.1130, 25.0873,
-66.7511

■ 237.3590, 8.6970,
-36.2718

■ 87.9160, 27.1564,
-77.1023

■ 246.3290, 4.2748,
-17.8285

■ 70.3910, 23.4712,
-61.7329

■ 53.4530, 19.4967,
-46.8783

■ 37.2160, 15.6695,
-32.6384

■ 22.9680, 11.8478,

-20.1429

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 176.5160, 23.9026,
-60.0885

■ 176.5160, 23.9026,
-60.0885

■ 167.5900, 28.3031,
-71.5544

■ 185.7410, 19.3547,
-48.0079

■ 157.7780, 33.1404,
-83.1203

■ 195.2540, 14.6648,
-37.0568

■ 148.8520, 37.5410,
-94.5862

■ 204.4790, 10.1169,
-24.9761

■ 139.0400, 42.3783,
-106.1521

■ 213.9920, 5.4269,
-14.0250

■ 131.8970, 45.8998,
-115.6737

■ 222.9180, 1.0264,
-2.5591

■ 232.7300, -3.8109,
9.0068

■ 238.6660, -6.7373,
14.3249

■ 241.0140, -7.8949,
12.2657

■ 243.9490, -9.3419,
9.6917

Harmonies

Analogous

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



175.7370, 11.9617, -56.7743



176.5160, 23.9026, -60.0885



182.1790, 28.5058, -43.1300

Triad

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



176.5160, 23.9026, -60.0885



193.5280, 6.1487, 34.6169



186.5240, -24.9083, 9.1875

Complementary

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



176.5160, 23.9026, -60.0885



156.4840, -23.9026, 60.0885

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.



189.2430, -25.2628, 29.6049



176.5160, 23.9026, -60.0885



192.4510, -7.1243, 45.2085

Square

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



176.5160, 23.9026, -60.0885



192.7840, 17.8545, 13.3444



191.3400, -18.9016, 42.6748



182.7320, -17.1229, -14.6740

Rectangle

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



176.5160, 23.9026, -60.0885



187.0610, 27.5779, -25.4865



191.3400, -18.9016, 42.6748



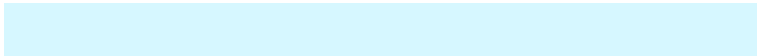
187.3400, -25.8036, 16.3648

Sweetspot

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



176.5160, 23.9026, -60.0885



238.0450, 8.3588, -21.0875



179.0730, -24.6860, -62.3310



117.5900, 5.1321, -12.7954



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.



176.5160, 23.9026, -60.0885



189.5610, 32.2614, -81.1760



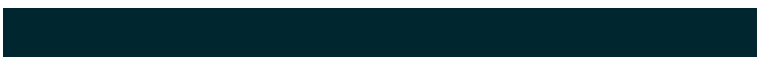
143.0570, 40.3979, -30.7450



107.5370, 2.2003, -5.7329



102.8310, 36.0723, -90.1828



28.3650, 9.6801, -24.8761

Inverse Universe

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



153.6990, 23.8124, 62.5310



158.7200, 32.1830, 84.4376



189.9430, -40.3979, 30.7450



105.3150, 2.3097, 5.8627



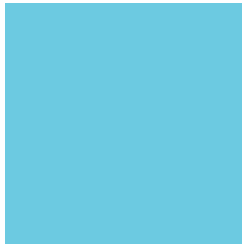
68.6980, 35.6449, 94.1039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 176.5160, 23.9026, -60.0885 looks on a white background.

Color Contrast Check

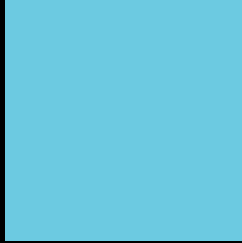
Large Text (above 18pt) WCAG AA × Fail

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 176.5160, 23.9026, -60.0885 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 176.5160, 23.9026, -60.0885

Background



This preview shows how black text looks on a background with the YUV color 176.5160, 23.9026, -60.0885.



This preview shows how white text looks on a background with the YUV color 176.5160, 23.9026, -60.0885.

-60.0885.

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

176.5160, 23.9026, -60.0885

Protanopia

188.4090, 13.1094, -4.7437

Deuteranopia

189.7280, 19.3611, -3.2695



Tritanopia

175.8210, 21.2872, -61.2330

Trichromacy



Original Color

176.5160, 23.9026, -60.0885

Protanomaly

184.3140, 17.1002, -24.8314

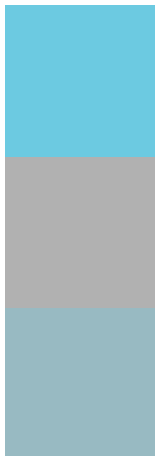
Deuteranomaly

185.3510, 21.0260, -23.9868

Tritanomaly

176.3480, 22.0134, -60.8182

Monochromacy



Original Color

176.5160, 23.9026, -60.0885

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7460, 8.5062, -21.7022

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5160, 23.9026, -60.0885 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(108, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(108, 202, 225)  
}
```

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(108, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 202, 225) }
```

Border

The CSS property to change the border of an element to YUV 176.5160, 23.9026, -60.0885 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(108, 202, 225) }
```


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

```
.border{ border-color:rgb(108, 202, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 202, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 202, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 202, 225);  
box-shadow:4px 4px 4px 4px rgb(108, 202,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 176.5160, 23.9026, -60.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 202, 225) }
```

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

```
.background{ background-color: rgb(108,  
202, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor