

Converting Colors

YUV(176.7780, 23.2804,
-47.1633)

Have a look what the booklet for
YUV(176.7780, 23.2804, -47.1633)
contains.

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Color

**YUV(176.7780, 23.2804,
-47.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC3E0
RGB	123, 195, 224
RGB Percent	48%, 76%, 88%
CMY	0.5176, 0.2353, 0.1216
CMYK	0.45, 0.13, 0.00, 0.12
HSL	197°, 62%, 68%
HSV	197°, 45%, 88%
XYZ	41.1380, 48.6230, 77.7380
YIQ	176.7780, -52.2210, -6.2450

Conversions

Conversions Part 2

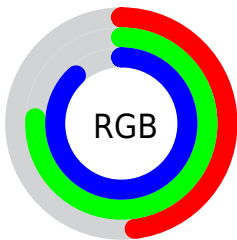
Format	Color
R _Y B	123, 165, 224
Decimal	8111072
CIE Lab	75.22, -14.96, -21.48
CIE LCh	75, 26.179, 235.152
Yxy	48.6230, 0.2456, 0.2903
Android (android.graphics.Color)	4286301152 (0xFF7BC3E0)
YUV	176.7780, 23.2804, -47.1633
Hunter-Lab	69.7302, -16.7199, -17.2877

Details

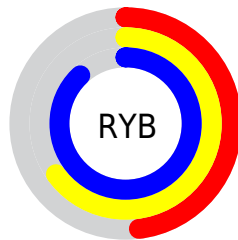
The YUV color **176.7780, 23.2804, -47.1633** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **170.2220, -23.2804, 47.1633**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8140, 11.9237, -44.5639**, and **121.7670, 23.2859, -48.9077** is the 20% darker color. If you saturate the color by 10%, you get **166.6780, 28.2597, -57.5996**, and if you desaturate by 10%, it is **186.8780, 18.3011, -36.7270**.

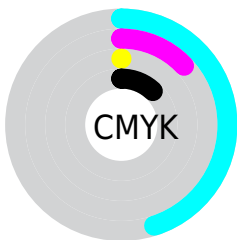
Distribution



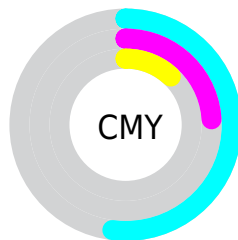
- Red (48%)
- Green (76%)
- Blue (88%)



- Red (48%)
- Yellow (65%)
- Blue (88%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (52%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.7780, 23.2804, -47.1633 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 176.7780, 23.2804, -47.1633 by changing the saturation by 10% instead.

■ 176.7780, 23.2804,
-47.1633

■ 176.7780, 23.2804,
-47.1633

255.0000, 0.0000,
0.0000

■ 149.3650, 22.9911,
-47.6781

■ 230.8140, 11.9237,
-44.5639

■ 121.7670, 23.2859,
-48.9077

■ 241.2460, 6.7807,
-28.2797

■ 94.1470, 23.5915,
-53.6259

■ 249.9170, 2.5059,
-10.4512

■ 66.7550, 24.7708,
-58.5441

■ 49.8170, 20.7962,
-43.6895

■ 34.1670, 16.6797,
-29.9645

■ 20.5060, 12.5685,

-17.9838

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 176.7780, 23.2804,
-47.1633

■ 176.7780, 23.2804,
-47.1633

■ 166.6780, 28.2597,
-57.5996

■ 186.8780, 18.3011,
-36.7270

■ 155.6920, 33.6758,
-68.1359

■ 197.8640, 12.8850,
-26.1907

■ 145.5920, 38.6551,
-78.5722

■ 207.9640, 7.9057,
-15.7544

■ 134.6060, 44.0712,
-89.1085

■ 218.9500, 2.4897,
-5.2181

■ 124.5060, 49.0505,
-99.5448

■ 229.0500, -2.4897,
5.2181

■ 119.4560, 51.5402,
-104.7629

■ 239.1390, -7.4635,
13.9101

■ 242.6610, -9.1999,
10.8213

■ 246.1830,
-10.9362, 7.7325

■ 250.2920,
-12.9620, 4.1289

Harmonies

Analogous

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



173.9810, 15.2924, -51.7263



176.7780, 23.2804, -47.1633



182.3550, 24.9680, -28.3753

Triad

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



176.7780, 23.2804, -47.1633



189.0460, 0.4703, 35.9167



181.7230, -20.0764, -0.6341

Complementary

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



176.7780, 23.2804, -47.1633



170.2220, -23.2804, 47.1633

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.



184.3450, -23.3411, 19.8684



176.7780, 23.2804, -47.1633



188.0930, -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.



176.7780, 23.2804, -47.1633



189.5200, 11.5756, 20.5920



186.4700, -19.4587, 34.6678



178.9960, -10.8440, -21.9215

Rectangle

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



176.7780, 23.2804, -47.1633



185.4820, 22.4404, -10.9467



186.4700, -19.4587, 34.6678



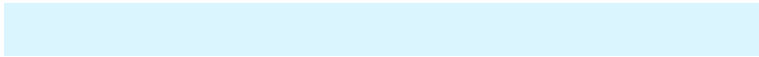
182.8980, -22.1347, 6.2285

Sweetspot

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



176.7780, 23.2804, -47.1633



238.3660, 8.2006, -16.9840



185.5930, -16.5613, -54.8941



117.3130, 5.2687, -9.9215



0.0000, 0.0000, 0.0000



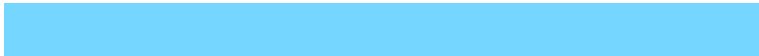
128.0000, 0.0000, 0.0000

Same Dimension

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



176.7780, 23.2804, -47.1633



190.2580, 31.9178, -64.2473



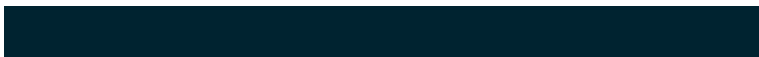
147.4280, 37.7500, -21.4234



106.9500, 2.4897, -5.2181



93.4390, 40.7026, -81.9460



26.0170, 10.8376, -22.8169

Inverse Universe

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



161.4070, 16.5613, 54.8941



169.4340, 22.4640, 75.0414



199.5720, -37.7500, 21.4234



105.2010, 1.8729, 5.9627



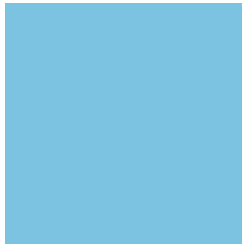
66.8740, 28.6561, 95.7035



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 176.7780, 23.2804, -47.1633 looks on a white background.

Color Contrast Check

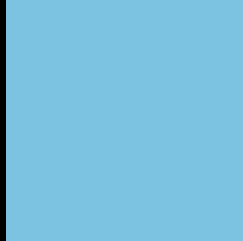
Large Text (above 18pt) WCAG AA × Fail

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 176.7780, 23.2804, -47.1633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

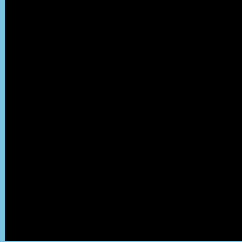
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.7780, 23.2804, -47.1633

Background



This preview shows how black text looks on a background with the YUV color 176.7780, 23.2804, -47.1633.



This preview shows how white text looks on a background with the YUV color 176.7780, 23.2804, -47.1633.

-47.1633.

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

176.7780, 23.2804, -47.1633

Protanopia

185.2670, 15.1514, -6.3732

Deuteranopia

186.2440, 20.0927, -4.5990



Tritanopia

175.8010, 18.3391, -48.9375

Trichromacy



Original Color

176.7780, 23.2804, -47.1633

Protanomaly

181.9770, 18.2523, -21.0278

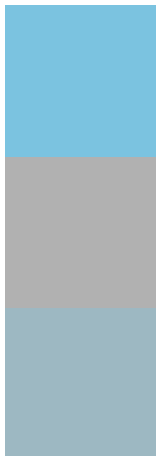
Deuteranomaly

182.7860, 21.3045, -19.9833

Tritanomaly

175.9690, 20.2283, -48.2078

Monochromacy



Original Color

176.7780, 23.2804, -47.1633

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0670, 8.3480, -17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7780, 23.2804, -47.1633 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(123, 195, 224)` looks like.

```
.text, #text, p{  
    color:rgb(123, 195, 224)  
}
```

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(123, 195, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 195, 224) }
```

Border

The CSS property to change the border of an element to YUV 176.7780, 23.2804, -47.1633 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(123, 195, 224) }
```


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

```
.border{ border-color:rgb(123, 195, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 195, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 195, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 195, 224);  
box-shadow:4px 4px 4px 4px rgb(123, 195,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 176.7780, 23.2804, -47.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 195, 224) }
```

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

```
.background{ background-color: rgb(123,  
195, 224) }
```

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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