

Converting Colors

YUV(177.6840, 15.9318,
-23.4019)

Have a look what the booklet for
YUV(177.6840, 15.9318, -23.4019)
contains.

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Color

**YUV(177.6840, 15.9318,
-23.4019)**

Conversions

Conversions Part 1

Format	Color
Hex	97B9D2
RGB	151, 185, 210
RGB Percent	59%, 73%, 82%
CMY	0.4078, 0.2745, 0.1765
CMYK	0.28, 0.12, 0.00, 0.18
HSL	205°, 40%, 71%
HSV	205°, 28%, 82%
XYZ	41.7443, 45.9304, 67.6381
YIQ	177.6840, -28.2890, 0.5670

Conversions

Conversions Part 2

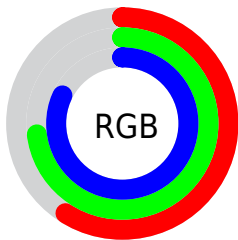
Format	Color
RYB	151, 173, 210
Decimal	9943506
CIELab	73.50, -5.71, -16.34
CIELCh	74, 17.310, 250.726
Yxy	45.9304, 0.2688, 0.2957
Android (android.graphics.Color)	4288133586 (0xFF97B9D2)
YUV	177.6840, 15.9318, -23.4019
Hunter-Lab	67.7720, -8.6534, -11.7325

Details

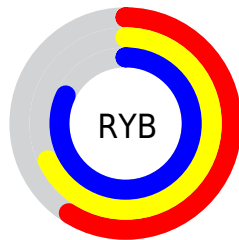
The YUV color $177.6840, 15.9318, -23.4019$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $183.3160, -15.9318, 23.4019$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.1310, 11.2744, -22.9169$, and $124.4560, 15.0582, -23.2019$ is the 20% darker color. If you saturate the color by 10%, you get $166.1220, 21.6319, -31.6790$, and if you desaturate by 10%, it is $189.2460, 10.2317, -15.1247$.

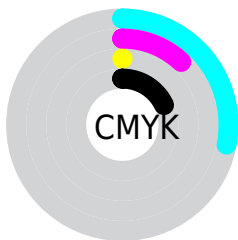
Distribution



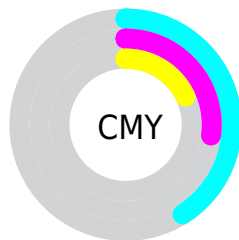
- Red (59%)
- Green (73%)
- Blue (82%)



- Red (59%)
- Yellow (68%)
- Blue (82%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (41%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6840, 15.9318, -23.4019 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 177.6840, 15.9318, -23.4019 by changing the saturation by 10% instead.

■ 177.6840, 15.9318,
-23.4019

■ 177.6840, 15.9318,
-23.4019

255.0000, 0.0000,
0.0000

■ 150.5700, 15.4950,
-23.3019

■ 232.1310, 11.2744,
-22.9169

■ 124.4560, 15.0582,
-23.2019

■ 249.0200, 2.9481,
-12.2955

■ 99.3420, 14.6214,
-23.1019

■ 74.9290, 14.3320,
-23.6167

■ 50.9180, 14.3374,
-25.3611

■ 28.8040, 13.9006,
-25.2611

■ 14.0830, 10.8051,

-12.3508

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 177.6840, 15.9318,
-23.4019

■ 177.6840, 15.9318,
-23.4019

■ 166.1220, 21.6319,
-31.6790

■ 189.2460, 10.2317,
-15.1247

■ 154.5600, 27.3319,
-39.9561

■ 200.8080, 4.5317,
-6.8476

■ 142.9980, 33.0320,
-48.2332

■ 212.3700, -1.1684,
1.4295

■ 131.4360, 38.7321,
-56.5104

■ 223.9320, -6.8685,
9.7066

■ 120.4610, 44.1427,
-65.3023

■ 234.6080,
-12.1317, 17.8838

■ 108.8990, 49.8428,
-73.5794

■ 239.8910,
-14.7363, 13.2506

■ 97.3370, 55.5429,
-81.8565

■ 245.1740,
-17.3408, 8.6174

■ 94.9670, 56.7113,
-83.2861

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



175.7170, 12.4645, -31.3238



177.6840, 15.9318, -23.4019



180.5440, 15.0148, -9.2471

Triad

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



177.6840, 15.9318, -23.4019



183.7260, -4.3019, 26.5503



177.4970, -10.5980, -7.4519

Complementary

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



177.6840, 15.9318, -23.4019



183.3160, -15.9318, 23.4019

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.



179.1460, -14.8620, 6.8880



177.6840, 15.9318, -23.4019



182.7060, -10.7011, 25.6908

Square

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



177.6840, 15.9318, -23.4019



183.7450, 3.5767, 19.5176



181.2230, -14.8999, 19.0984



175.7710, -2.8451, -20.8472

Rectangle

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



177.6840, 15.9318, -23.4019



182.0400, 12.7983, 1.7189



181.2230, -14.8999, 19.0984



178.3620, -12.5035, -2.9485

Sweetspot

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



177.6840, 15.9318, -23.4019



243.7370, 5.5527, -7.6623



188.4830, -6.1541, -32.8726



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



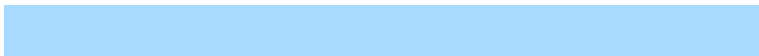
128.0000, 0.0000, 0.0000

Same Dimension

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



177.6840, 15.9318, -23.4019



207.2680, 23.5319, -34.4380



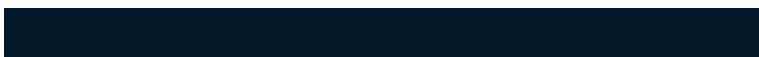
160.6610, 24.3241, -8.4727



98.7760, 3.0684, -4.1886



76.0910, 45.3111, -66.7318



18.7620, 10.9633, -16.4543

Inverse Universe

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



172.5170, 6.1541, 32.8726



199.7130, 9.0155, 48.4867



200.3390, -24.3241, 8.4727



97.9730, 0.9993, 6.1627



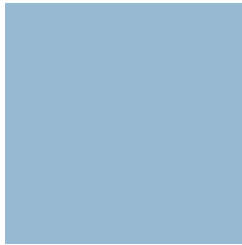
61.2900, 17.6050, 93.5847



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 177.6840, 15.9318, -23.4019 looks on a white background.

Color Contrast Check

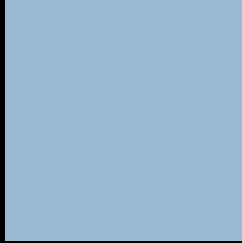
Large Text (above 18pt) WCAG AA × Fail

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 177.6840, 15.9318, -23.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

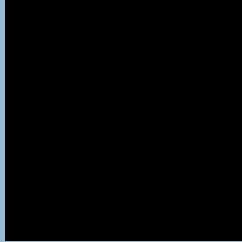
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

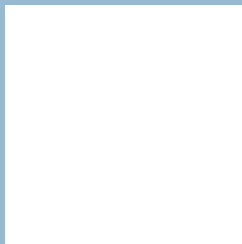
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.6840, 15.9318, -23.4019

Background



This preview shows how black text looks on a background with the YUV color 177.6840, 15.9318, -23.4019.



This preview shows how white text looks on a background with the YUV color 177.6840, 15.9318, -23.4019.

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

177.6840, 15.9318, -23.4019

Protanopia

181.1810, 12.2358, -4.5437

Deuteranopia

181.8980, 14.8403, 0.0895



Tritanopia

176.6470, 12.0060, -24.2464

Trichromacy



Original Color

177.6840, 15.9318, -23.4019

Protanomaly

179.7780, 13.4204, -11.2063

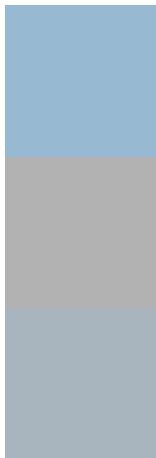
Deuteranomaly

180.2560, 15.1568, -8.1175

Tritanomaly

177.2880, 13.1690, -23.9316

Monochromacy



Original Color

177.6840, 15.9318, -23.4019

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6840, 15.9318, -23.4019 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(151, 185, 210)` looks like.

```
.text, #text, p{  
    color:rgb(151, 185, 210)  
}
```

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(151, 185, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 185, 210) }
```

Border

The CSS property to change the border of an element to YUV 177.6840, 15.9318, -23.4019 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

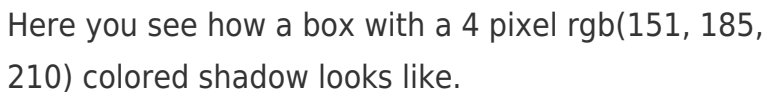
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 185, 210) }
```


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

```
.border{ border-color:rgb(151, 185, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 185, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 185, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 185, 210); box-shadow:4px 4px 4px 4px rgb(151, 185, 210) }
```

Background

The CSS property to change the background color of an element to YUV 177.6840, 15.9318, -23.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 185, 210) }
```

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

```
.background{ background-color: rgb(151,  
185, 210) }
```

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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