

Converting Colors

YUV(180.7640, 1.1023,
-26.9800)

Have a look what the booklet for
YUV(180.7640, 1.1023, -26.9800)
contains.

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Color

**YUV(180.7640, 1.1023,
-26.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	96C4B7
RGB	150, 196, 183
RGB Percent	59%, 77%, 72%
CMY	0.4118, 0.2314, 0.2824
CMYK	0.23, 0.00, 0.07, 0.23
HSL	163°, 28%, 68%
HSV	163°, 23%, 77%
XYZ	40.8648, 49.3828, 52.1778
YIQ	180.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

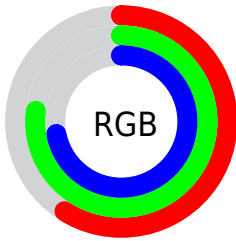
Format	Color
RYB	150, 177, 196
Decimal	9880759
CIELab	75.69, -17.83, 1.58
CIElCh	76, 17.904, 174.952
Yxy	49.3828, 0.2869, 0.3467
Android (android.graphics.Color)	4288070839 (0xFF96C4B7)
YUV	180.7640, 1.1023, -26.9800
Hunter-Lab	70.2729, -19.1768, 5.1681

Details

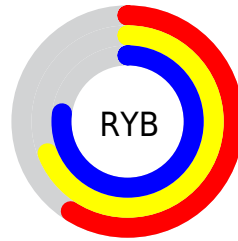
The YUV color **180.7640, 1.1023, -26.9800** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **165.2360, -1.1023, 26.9800**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0520, 0.9604, -28.1096**, and **127.4760, 1.2443, -25.8505** is the 20% darker color. If you saturate the color by 10%, you get **174.1000, 1.4297, -38.6757**, and if you desaturate by 10%, it is **187.4280, 0.7750, -15.2844**.

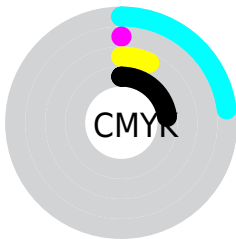
Distribution



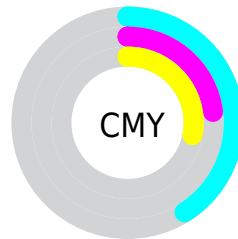
- Red (59%)
- Green (77%)
- Blue (72%)



- Red (59%)
- Yellow (69%)
- Blue (77%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (41%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7640, 1.1023, -26.9800 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 180.7640, 1.1023, -26.9800 by changing the saturation by 10% instead.

■ 180.7640, 1.1023,
-26.9800

■ 180.7640, 1.1023,
-26.9800

255.0000, 0.0000,
0.0000

■ 154.0630, 0.9549,
-26.3653

■ 237.0520, 0.9604,
-28.1096

■ 127.4760, 1.2443,
-25.8505

■ 248.4220, 3.2430,
-13.5251

■ 101.8890, 1.5337,
-25.3357

■ 77.8890, 1.5337,
-25.3357

■ 54.0030, 1.9705,
-25.4356

■ 30.5190, 2.7021,
-26.7652

■ 16.9720, -0.9722,

-14.8844

■ 0.0000, 0.0000,
0.0000

■ 180.7640, 1.1023,
-26.9800

■ 180.7640, 1.1023,
-26.9800

■ 174.1000, 1.4297,
-38.6757

■ 187.4280, 0.7750,
-15.2844

■ 167.8490, 2.0464,
-49.8566

■ 193.6790, 0.1583,
-4.1035

■ 161.1850, 2.3738,
-61.5522

■ 200.3430, -0.1691,
7.5922

■ 154.9340, 2.9905,
-72.7331

■ 206.5940, -0.7858,
18.7731

■ 148.2700, 3.3179,
-84.4288

■ 213.2580, -1.1132,
30.4687

■ 141.7200, 4.0820,
-96.2244

■ 215.9210, 0.0389,
34.2723

■ 135.3550, 4.2620,
-107.3053

■ 216.6050, 2.6597,
33.6724

■ 131.1260, 4.8679,
-114.9975

■ 217.1750, 4.8437,
33.1725

■ 217.8590, 7.4645,
32.5727

Harmonies

Analogous

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



182.5500, -7.6662, -14.5144



180.7640, 1.1023, -26.9800



180.6090, 9.5598, -32.9831

Triad

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



180.7640, 1.1023, -26.9800



187.6590, 13.9721, -1.4549



187.8970, -13.7532, 24.6463

Complementary

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



180.7640, 1.1023, -26.9800



165.2360, -1.1023, 26.9800

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.



189.1130, -7.9437, 27.9649



180.7640, 1.1023, -26.9800



189.2650, 8.2504, 13.7996

Square

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



180.7640, 1.1023, -26.9800



185.2440, 16.6417, -17.7540



189.5670, 0.2135, 24.9357



185.9620, -15.7573, 14.0653

Rectangle

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



180.7640, 1.1023, -26.9800



181.0590, 13.7749, -31.6237



189.5670, 0.2135, 24.9357



188.3640, -12.0115, 25.9908

Sweetspot

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



180.7640, 1.1023, -26.9800



249.0480, 0.4693, -10.5661



180.8890, -15.2283, -15.6887



124.3690, 0.3111, -6.4626



0.0000, 0.0000, 0.0000



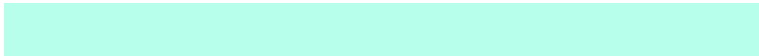
128.0000, 0.0000, 0.0000

Same Dimension

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



180.7640, 1.1023, -26.9800



231.4910, 1.7299, -41.6496



176.3760, 9.6746, -23.1318



93.6680, 0.1637, -5.8478



107.6170, 3.6398, -94.3801



22.1070, 0.9332, -19.3878

Inverse Universe

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



165.2360, -1.1023, 26.9800



207.5090, -1.7299, 41.6496



169.6240, -9.6746, 23.1318



90.3320, -0.1637, 5.8478



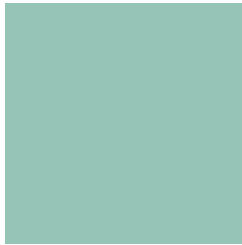
53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 180.7640, 1.1023, -26.9800 looks on a white background.

Color Contrast Check

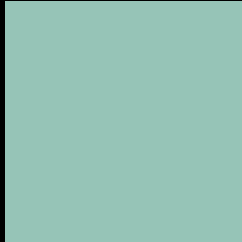
Large Text (above 18pt) WCAG AA × Fail

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 180.7640, 1.1023, -26.9800 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

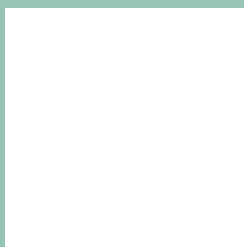
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.7640, 1.1023, -26.9800

Background



This preview shows how black text looks on a background with the YUV color 180.7640, 1.1023, -26.9800.



This preview shows how white text looks on a background with the YUV color 180.7640, 1.1023, -26.9800.

-26.9800.

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

180.7640, 1.1023, -26.9800

Protanopia

185.8820, -4.3788, 4.4885

Deuteranopia

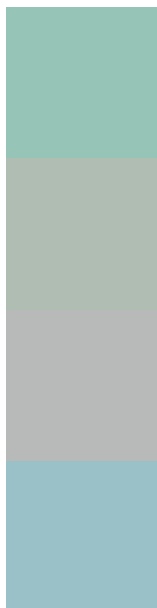
187.8600, -0.9170, 14.1548



Tritanopia

182.7610, 12.4428, -24.3464

Trichromacy



Original Color

180.7640, 1.1023, -26.9800

Protanomaly

183.9730, -2.4517, -6.9923

Deuteranomaly

185.2880, -0.1420, -1.1296

Tritanomaly

181.7240, 8.5171, -25.1909

Monochromacy



Original Color

180.7640, 1.1023, -26.9800

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7600, 0.6113, -9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7640, 1.1023, -26.9800 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(150, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(150, 196, 183)  
}
```

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(150, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 196, 183) }
```

Border

The CSS property to change the border of an element to YUV 180.7640, 1.1023, -26.9800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

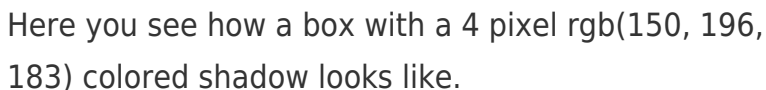
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 196, 183) }
```


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

```
.border{ border-color:rgb(150, 196, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 196, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 196, 183); box-shadow:4px 4px 4px 4px rgb(150, 196, 183) }
```

Background

The CSS property to change the background color of an element to YUV 180.7640, 1.1023, -26.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 196, 183) }
```

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

```
.background{ background-color: rgb(150,  
196, 183) }
```

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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