

Converting Colors

YUV(185.7980, -3.8444,
-27.0098)

Have a look what the booklet for
YUV(185.7980, -3.8444, -27.0098)
contains.

YUV(185.7980, -3.8444, -27.0098)	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(185.7980, -3.8444,
-27.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCBB2
RGB	155, 203, 178
RGB Percent	61%, 80%, 70%
CMY	0.3922, 0.2039, 0.3020
CMYK	0.24, 0.00, 0.12, 0.20
HSL	149°, 32%, 70%
HSV	149°, 24%, 80%
XYZ	42.9094, 52.8948, 50.0676
YIQ	185.7980, -20.5830, -17.9510

Conversions

Conversions Part 2

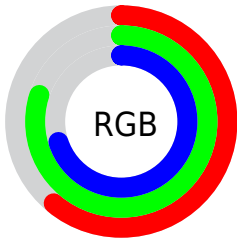
Format	Color
RYB	155, 187, 203
Decimal	10210226
CIELab	77.81, -20.80, 7.38
CIElCh	78, 22.068, 160.472
Yxy	52.8948, 0.2942, 0.3626
Android (android.graphics.Color)	4288400306 (0xFF9BCBB2)
YUV	185.7980, -3.8444, -27.0098
Hunter-Lab	72.7288, -21.9619, 10.0940

Details

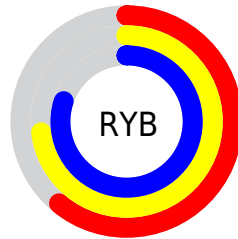
The YUV color **185.7980, -3.8444, -27.0098** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **172.2020, 3.8444, 27.0098**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, -2.5394, -25.5654**, and **132.5100, -3.7024, -25.8803** is the 20% darker color. If you saturate the color by 10%, you get **178.5640, -5.7011, -38.2056**, and if you desaturate by 10%, it is **193.0320, -1.9878, -15.8141**.

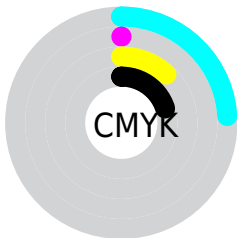
Distribution



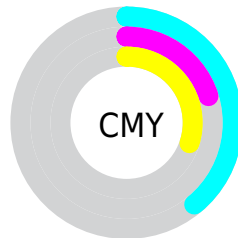
- Red (61%)
- Green (80%)
- Blue (70%)



- Red (61%)
- Yellow (73%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (39%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 185.7980, -3.8444, -27.0098 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 185.7980, -3.8444, -27.0098 by changing the saturation by 10% instead.


 185.7980, -3.8444,
-27.0098


 185.7980, -3.8444,
-27.0098

255.0000, 0.0000,
0.0000


 158.2110, -3.5550,
-26.4950


 239.1510, -2.5394,
-25.5654


 132.5100, -3.7024,
-25.8803

 250.2160, 2.3585,
-9.8364

 106.9230, -3.4130,
-25.3655

 82.0370, -2.9762,
-25.4654

 58.2650, -2.1026,
-25.6654

 34.4820, -1.2236,
-27.6097

 19.3370, -4.6031,

-16.9585

■ 0.0000, 0.0000,
0.0000

■ 185.7980, -3.8444,
-27.0098

■ 185.7980, -3.8444,
-27.0098

■ 178.5640, -5.7011,
-38.2056

■ 193.0320, -1.9878,
-15.8141

■ 171.1450, -6.9735,
-50.1162

■ 200.4510, -0.7153,
-3.9035

■ 163.9110, -8.8301,
-61.3119

■ 207.6850, 1.1413,
7.2923

■ 156.7910,
-10.2500, -72.6077

■ 214.8050, 2.5611,
18.5880

■ 149.2580,
-11.9592, -84.4183

■ 221.7400, 4.5652,
29.1690

■ 142.1380,
-13.3790, -95.7140

■ 222.8800, 8.9332,
28.1692

■ 134.9040,
-15.2357, -106.9098

■ 224.1340, 13.7379,
27.0695

■ 130.2190,
-16.3770, -114.2021

■ 224.4760, 15.0483,
26.7695

Harmonies

Analogous

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



188.0900, -13.3554, -9.7259



185.7980, -3.8444, -27.0098



183.9950, 7.3975, -39.4606

Triad

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



185.7980, -3.8444, -27.0098



192.3740, 19.5356, -12.6060



194.6530, -13.6329, 32.7533

Complementary

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



185.7980, -3.8444, -27.0098



172.2020, 3.8444, 27.0098

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.



195.6560, -4.7604, 33.6277



185.7980, -3.8444, -27.0098



195.4260, 14.0870, 8.3964

Square

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



185.7980, -3.8444, -27.0098



187.8940, 20.7583, -31.4790



195.8320, 5.0128, 25.5803



192.5180, -18.9894, 24.1017

Rectangle

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



185.7980, -3.8444, -27.0098



183.9930, 13.8075, -42.0899



195.8320, 5.0128, 25.5803



194.6470, -11.1650, 34.5126

Sweetspot

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



185.7980, -3.8444, -27.0098



248.5920, -1.2779, -10.1662



190.9500, -17.7233, -8.7261



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



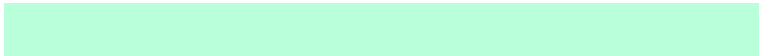
128.0000, 0.0000, 0.0000

Same Dimension

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



185.7980, -3.8444, -27.0098



229.5530, -5.6956, -39.9500



188.4200, 6.2019, -29.3093



98.4400, -0.7099, -5.6479



106.4480, -13.5319, -93.3549



24.3580, -3.1345, -21.3620

Inverse Universe

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



172.2020, 3.8444, 27.0098



209.4470, 5.6956, 39.9500



169.5800, -6.2019, 29.3093



95.5600, 0.7099, 5.6479



59.4380, 13.0951, 93.4549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 185.7980, -3.8444, -27.0098 looks on a white background.

Color Contrast Check

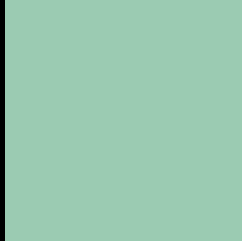
Large Text (above 18pt) WCAG AA × Fail

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 185.7980, -3.8444, -27.0098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

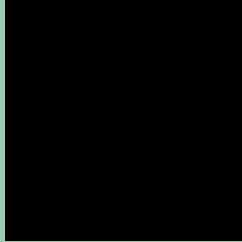
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

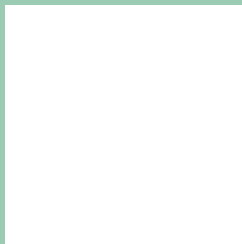
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.7980, -3.8444, -27.0098

Background



This preview shows how black text looks on a background with the YUV color 185.7980, -3.8444, -27.0098.



This preview shows how white text looks on a background with the YUV color 185.7980, -3.8444, -27.0098.

-27.0098.

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

185.7980, -3.8444, -27.0098

Protanopia

191.5250, -9.6258, 7.4326

Deuteranopia

193.3290, -5.5852, 18.1285



Tritanopia

189.0600, 12.2954, -23.7316

Trichromacy



Original Color

185.7980, -3.8444, -27.0098

Protanomaly

189.3170, -7.5513, -4.6630

Deuteranomaly

191.0450, -4.9522, 1.7145

Tritanomaly

187.8550, 6.4805, -25.3058

Monochromacy



Original Color

185.7980, -3.8444, -27.0098

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8910, -1.4253, -9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7980, -3.8444, -27.0098 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(155, 203, 178)` looks like.

```
.text, #text, p{  
    color:rgb(155, 203, 178)  
}
```

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(155, 203, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 203, 178) }
```

Border

The CSS property to change the border of an element to YUV 185.7980, -3.8444, -27.0098 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(155, 203, 178) }
```


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

```
.border{ border-color:rgb(155, 203, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 203, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 203, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 203, 178);  
box-shadow:4px 4px 4px 4px rgb(155, 203,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 185.7980, -3.8444, -27.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 203, 178) }
```

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

```
.background{ background-color: rgb(155,  
203, 178) }
```

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