

Converting Colors

YUV(179.4620, -24.3848,
-18.8222)

Have a look what the booklet for
YUV(179.4620, -24.3848, -18.8222)
contains.

YUV(179.4620, -24.3848, -18.8222)	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(179.4620, -24.3848,
-18.8222)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC882
RGB	158, 200, 130
RGB Percent	62%, 78%, 51%
CMY	0.3804, 0.2157, 0.4902
CMYK	0.21, 0.00, 0.35, 0.22
HSL	96°, 39%, 65%
HSV	96°, 35%, 78%
XYZ	38.7841, 50.1894, 28.7625
YIQ	179.4620, -2.5620, -30.6740

Conversions

Conversions Part 2

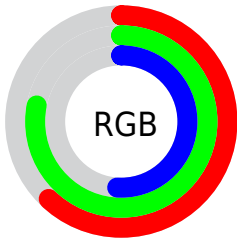
Format	Color
RYB	130, 200, 172
Decimal	10406018
CIELab	76.19, -26.49, 30.61
CIELCh	76, 40.484, 130.872
Yxy	50.1894, 0.3294, 0.4263
Android (android.graphics.Color)	4288596098 (0xFF9EC882)
YUV	179.4620, -24.3848, -18.8222
Hunter-Lab	70.8444, -26.2572, 25.5197

Details

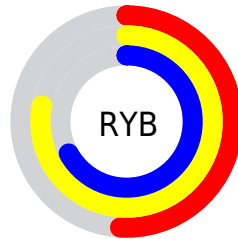
The YUV color **179.4620, -24.3848, -18.8222** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **150.5380, 24.3848, 18.8222**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6470, -24.9690, -18.1074**, and **126.2170, -22.7850, -18.6073** is the 20% darker color. If you saturate the color by 10%, you get **173.5940, -31.3518, -24.1999**, and if you desaturate by 10%, it is **185.3300, -17.4177, -13.4444**.

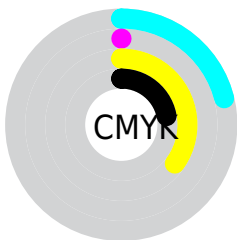
Distribution



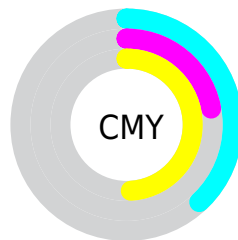
- Red (62%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4620, -24.3848, -18.8222 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 179.4620, -24.3848, -18.8222 by changing the saturation by 10% instead.

■ 179.4620,
-24.3848, -18.8222

■ 179.4620,
-24.3848, -18.8222

■ 255.0000, 0.0000,
0.0000

■ 152.5760,
-23.9480, -18.9222

■ 234.6470,
-24.9690, -18.1074

■ 126.2170,
-22.7850, -18.6073

■ 246.0970,
-17.3028, -3.5931

■ 100.7440,
-22.0588, -18.1925

■ 253.2900, -6.5520,
1.4997

■ 75.9720, -21.1852,
-18.3924

■ 51.8580, -21.6220,
-18.2925

■ 30.2690, -14.9226,
-20.4069

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 179.4620,
-24.3848, -18.8222

■ 179.4620,
-24.3848, -18.8222

■ 173.5940,
-31.3518, -24.1999

■ 185.3300,
-17.4177, -13.4444

■ 167.7260,
-38.3189, -29.5777

■ 191.1980,
-10.4506, -8.0666

■ 161.8580,
-45.2860, -34.9555

■ 197.0660, -3.4835,
-2.6889

■ 155.9900,
-52.2531, -40.3332

■ 202.9340, 3.4835,
2.6889

■ 150.1220,
-59.2201, -45.7110

■ 208.8020, 10.4506,
8.0666

■ 144.2540,
-66.1872, -51.0888

■ 214.6700, 17.4177,
13.4444

■ 141.3200,
-69.6708, -53.7776

■ 218.8280, 17.8328,
20.3218

■ 222.4160, 16.0639,
27.6992

■ 222.7150, 15.9165,
28.3139

Harmonies

Analogous

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



183.9130, -34.9601, 13.2313



179.4620, -24.3848, -18.8222



172.5790, -5.2154, -54.0048

Triad

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



179.4620, -24.3848, -18.8222



172.5050, 40.6700, -71.4799



189.5280, -7.1623, 57.4189

Complementary

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



179.4620, -24.3848, -18.8222



150.5380, 24.3848, 18.8222

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.



192.9300, 9.8945, 46.5424



179.4620, -24.3848, -18.8222



185.4830, 34.2719, -25.8566

Square

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



179.4620, -24.3848, -18.8222



155.8990, 39.4898, -113.0444



192.2710, 25.9954, 15.5483



189.1740, -23.7498, 57.7294

Rectangle

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



179.4620, -24.3848, -18.8222



166.2520, 10.7218, -79.1510



192.2710, 25.9954, 15.5483



191.0100, -1.4839, 56.1192

Sweetspot

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



179.4620, -24.3848, -18.8222



246.7250, -9.7244, -7.6518



175.5840, -22.4729, 21.4128



123.0720, -5.9515, -4.4481



0.0000, 0.0000, 0.0000



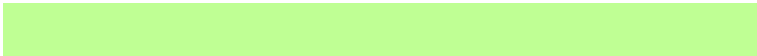
128.0000, 0.0000, 0.0000

Same Dimension

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



179.4620, -24.3848, -18.8222



223.6660, -37.3033, -28.6481



171.7740, -17.6366, -36.6358



96.1800, -3.0467, -2.7889



115.1160, -56.7522, -43.9517



25.3180, -12.4818, -9.9259

Inverse Universe

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



150.5380, 24.3848, 18.8222



179.3340, 37.3033, 28.6481



158.1120, 17.1998, 36.7358



92.5210, 3.1941, 2.1741



47.8840, 56.7522, 43.9517



10.3830, 12.6292, 9.3111

Previews

White Background



This preview shows how the YUV color 179.4620, -24.3848, -18.8222 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 179.4620, -24.3848, -18.8222 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 179.4620, -24.3848, -18.8222 Background



This preview shows how black text looks on a background with the YUV color 179.4620, -24.3848, -18.8222.



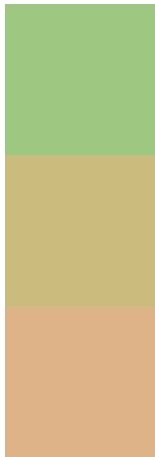
This preview shows how white text looks on a background with the YUV color 179.4620, -24.3848, -18.8222.

-18.8222.

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

179.4620, -24.3848, -18.8222

Protanopia

184.7160, -29.4400, 16.0351

Deuteranopia

186.8410, -25.5576, 30.8344



Tritanopia

186.4310, 9.6475, -14.4100

Trichromacy



Original Color

179.4620, -24.3848, -18.8222

Protanomaly

183.0950, -27.6548, 3.4247

Deuteranomaly

184.4320, -25.3560, 12.7761

Tritanomaly

183.8040, -2.8614, -15.6141

Monochromacy



Original Color

179.4620, -24.3848, -18.8222

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.2520, -8.9982, -7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4620, -24.3848, -18.8222 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(158, 200, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 200, 130)  
}
```

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(158, 200, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 200, 130) }
```

Border

The CSS property to change the border of an element to YUV 179.4620, -24.3848, -18.8222 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(158, 200, 130) }
```


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

```
.border{ border-color:rgb(158, 200, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 200, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 200, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 200, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 200,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 179.4620, -24.3848, -18.8222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 200, 130) }
```

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

```
.background{ background-color: rgb(158,  
200, 130) }
```

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