

Converting Colors

YUV(181.2430, -18.8538,
-19.5071)

Have a look what the booklet for
YUV(181.2430, -18.8538, -19.5071)
contains.

YUV(181.2430, -18.8538, -19.5071)	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(181.2430, -18.8538,
-19.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC88F
RGB	159, 200, 143
RGB Percent	62%, 78%, 56%
CMY	0.3765, 0.2157, 0.4392
CMYK	0.20, 0.00, 0.28, 0.22
HSL	103°, 34%, 67%
HSV	103°, 28%, 78%
XYZ	39.9103, 50.6627, 33.6620
YIQ	181.2430, -6.1390, -26.4190

Conversions

Conversions Part 2

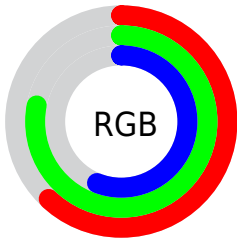
Format	Color
RYB	143, 200, 184
Decimal	10471567
CIELab	76.47, -24.18, 24.20
CIElCh	76, 34.213, 134.975
Yxy	50.6627, 0.3212, 0.4078
Android (android.graphics.Color)	4288661647 (0xFF9FC88F)
YUV	181.2430, -18.8538, -19.5071
Hunter-Lab	71.1777, -24.4737, 21.7844

Details

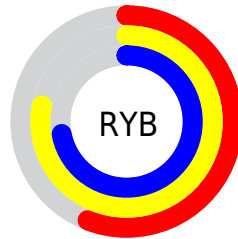
The YUV color **181.2430, -18.8538, -19.5071** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **161.7570, 18.8538, 19.5071**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1290, -19.2906, -19.4071**, and **128.1830, -17.8382, -18.5775** is the 20% darker color. If you saturate the color by 10%, you get **174.7770, -25.5261, -26.1144**, and if you desaturate by 10%, it is **187.7090, -12.1815, -12.8998**.

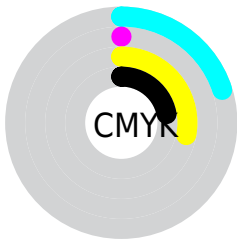
Distribution



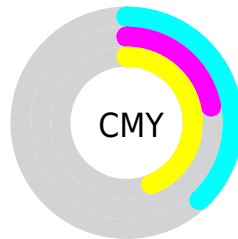
- Red (62%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (78%)
- Blue (72%)



- Cyan (20%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2430, -18.8538, -19.5071 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 181.2430, -18.8538, -19.5071 by changing the saturation by 10% instead.

■ 181.2430,
-18.8538, -19.5071

■ 181.2430,
-18.8538, -19.5071

255.0000, 0.0000,
0.0000

■ 154.3570,
-18.4170, -19.6071

■ 236.1290,
-19.2906, -19.4071

■ 128.1830,
-17.8382, -18.5775

■ 247.9920,
-11.3351, -4.3780

■ 102.4110,
-16.9646, -18.7774

254.8860, -0.4368,
0.1000

■ 77.9380, -16.2384,
-18.3626

■ 54.1660, -15.3648,
-18.5626

■ 31.1660, -15.3648,
-18.5626

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 181.2430,
-18.8538, -19.5071

■ 181.2430,
-18.8538, -19.5071

■ 174.7770,
-25.5261, -26.1144

■ 187.7090,
-12.1815, -12.8998

■ 168.0120,
-32.0509, -33.3365

■ 194.4740, -5.6567,
-5.6777

■ 161.5460,
-38.7232, -39.9438

■ 200.9400, 1.0156,
0.9296

■ 154.7810,
-45.2480, -47.1659

■ 207.7050, 7.5404,
8.1517

■ 148.3150,
-51.9203, -53.7733

■ 214.1710, 14.2127,
14.7590

■ 141.8490,
-58.5926, -60.3806

■ 219.7250, 17.3906,
22.1662

■ 135.0840,
-65.1174, -67.6027

■ 222.7150, 15.9165,
28.3139

■ 134.1440,
-66.1330, -68.5323

Harmonies

Analogous

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



185.4870, -28.8341, 8.3429



181.2430, -18.8538, -19.5071



176.3070, -2.6164, -47.6272

Triad

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



181.2430, -18.8538, -19.5071



179.9160, 34.0584, -50.7923



192.0390, -8.8932, 52.5858

Complementary

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



181.2430, -18.8538, -19.5071



161.7570, 18.8538, 19.5071

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.



193.5720, 6.1270, 41.5944



181.2430, -18.8538, -19.5071



188.3980, 29.8768, -16.1350

Square

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



181.2430, -18.8538, -19.5071



171.6220, 29.7664, -74.2135



193.0880, 20.1696, 17.4628



190.1620, -22.2649, 48.0929

Rectangle

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



181.2430, -18.8538, -19.5071



172.5250, 10.0942, -64.4814



193.0880, 20.1696, 17.4628



192.5810, -4.2304, 50.3565

Sweetspot

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



181.2430, -18.8538, -19.5071



247.2950, -7.5404, -8.1517



184.1100, -20.2672, 13.9355



123.0010, -4.9305, -5.2629



0.0000, 0.0000, 0.0000



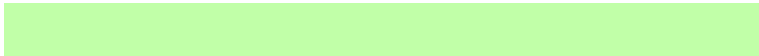
128.0000, 0.0000, 0.0000

Same Dimension

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



181.2430, -18.8538, -19.5071



226.5440, -28.8622, -29.4181



177.8270, -11.2537, -30.5433



95.8810, -2.8993, -3.4036



109.4350, -53.9515, -55.6325



24.1220, -11.8921, -12.3850

Inverse Universe

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



161.7570, 18.8538, 19.5071



196.7550, 28.7148, 30.0329



165.1730, 11.2537, 30.5433



93.1190, 2.8993, 3.4036



53.5650, 53.9515, 55.6325



11.8780, 11.8921, 12.3850

Previews

White Background



This preview shows how the YUV color 181.2430, -18.8538, -19.5071 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 181.2430, -18.8538, -19.5071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

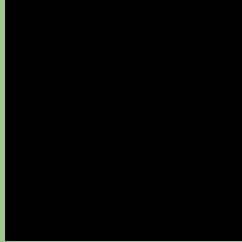
Any Text WCAG AA ✓ Pass

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 181.2430, -18.8538, -19.5071 Background



This preview shows how black text looks on a background with the YUV color 181.2430, -18.8538, -19.5071.



This preview shows how white text looks on a background with the YUV color 181.2430, -18.8538, -19.5071.

-19.5071.

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

181.2430, -18.8538, -19.5071

Protanopia

186.4860, -23.9036, 13.6058

Deuteranopia

188.7850, -20.6000, 27.3756



Tritanopia

186.8330, 9.9423, -15.6395

Trichromacy



Original Color

181.2430, -18.8538, -19.5071

Protanomaly

184.2780, -21.8291, 1.5102

Deuteranomaly

186.2020, -19.8196, 10.3468

Tritanomaly

184.7760, -0.3826, -17.3436

Monochromacy



Original Color

181.2430, -18.8538, -19.5071

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1210, -6.9617, -7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2430, -18.8538, -19.5071 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(159, 200, 143)` looks like.

```
.text, #text, p{  
    color:rgb(159, 200, 143)  
}
```

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(159, 200, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 200, 143) }
```

Border

The CSS property to change the border of an element to YUV 181.2430, -18.8538, -19.5071 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(159, 200, 143) }
```


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

```
.border{ border-color:rgb(159, 200, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 200, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 200, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 200, 143);  
box-shadow:4px 4px 4px 4px rgb(159, 200,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 181.2430, -18.8538, -19.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 200, 143) }
```

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

```
.background{ background-color: rgb(159,  
200, 143) }
```

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