

Converting Colors

YUV(188.6940, 0.6439,
-19.9026)

Have a look what the booklet for
YUV(188.6940, 0.6439, -19.9026)
contains.

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Color

**YUV(188.6940, 0.6439,
-19.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C8BE
RGB	166, 200, 190
RGB Percent	65%, 78%, 75%
CMY	0.3490, 0.2157, 0.2549
CMYK	0.17, 0.00, 0.05, 0.22
HSL	162°, 24%, 72%
HSV	162°, 17%, 78%
XYZ	45.6744, 53.1332, 56.5636
YIQ	188.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

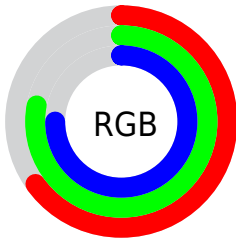
Format	Color
R_{YB}	166, 186, 200
Decimal	10930366
CIE _{Lab}	77.95, -13.34, 1.21
CIE _{LCh}	78, 13.392, 174.805
Yxy	53.1332, 0.2940, 0.3420
Android (android.graphics.Color)	4289120446 (0xFFA6C8BE)
YUV	188.6940, 0.6439, -19.9026
Hunter-Lab	72.8926, -15.7140, 5.0165

Details

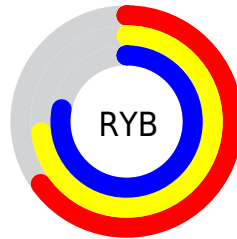
The YUV color $188.6940, 0.6439, -19.9026$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $177.3060, -0.6439, 19.9026$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8080, 1.0807, -20.0026$, and $135.4060, 0.7858, -18.7731$ is the 20% darker color. If you saturate the color by 10%, you get $182.0300, 0.9712, -31.5983$, and if you desaturate by 10%, it is $195.3580, 0.3165, -8.2070$.

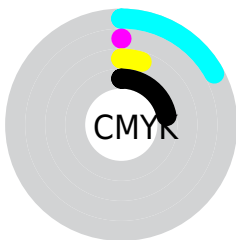
Distribution



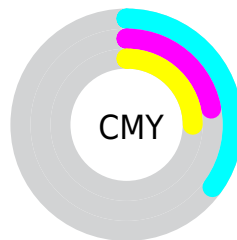
- Red (65%)
- Green (78%)
- Blue (75%)



- Red (65%)
- Yellow (73%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6940, 0.6439, -19.9026 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 188.6940, 0.6439, -19.9026 by changing the saturation by 10% instead.

■ 188.6940, 0.6439,
-19.9026

■ 188.6940, 0.6439,
-19.9026

255.0000, 0.0000,
0.0000

■ 161.6940, 0.6439,
-19.9026

■ 243.8080, 1.0807,
-20.0026

■ 135.4060, 0.7858,
-18.7731

■ 253.5050, 0.7370,
-3.0739

■ 109.7050, 0.6384,
-18.1583

■ 85.1180, 0.9278,
-17.6435

■ 62.1180, 0.9278,
-17.6435

■ 39.2320, 1.3646,
-17.7435

■ 18.8300, 1.0698,

-16.5139

■ 0.0000, 0.0000,
0.0000

■ 188.6940, 0.6439,
-19.9026

■ 188.6940, 0.6439,
-19.9026

■ 182.0300, 0.9712,
-31.5983

■ 195.3580, 0.3165,
-8.2070

■ 175.3660, 1.2986,
-43.2940

■ 202.0220, -0.0108,
3.4887

■ 168.7020, 1.6259,
-54.9897

■ 208.6860, -0.3382,
15.1844

■ 162.0380, 1.9533,
-66.6853

■ 215.3500, -0.6656,
26.8800

■ 155.4880, 2.7174,
-78.4810

■ 218.6110, 0.1918,
31.9132

■ 148.8240, 3.0448,
-90.1766

■ 219.2950, 2.8126,
31.3133

■ 142.1600, 3.3721,
-101.8723

■ 219.9790, 5.4334,
30.7134

■ 135.4960, 3.6995,
-113.5680

■ 220.6630, 8.0541,
30.1135

■ 133.4740, 3.7103,
-117.0567

■ 221.3470, 10.6749,
29.5137

Harmonies

Analogous

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



189.4410, -5.6404, -10.9108



188.6940, 0.6439, -19.9026



188.6810, 7.0593, -24.2762

Triad

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



188.6940, 0.6439, -19.9026



193.7470, 10.4777, -0.6551



193.7760, -10.2426, 18.6134

Complementary

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



188.6940, 0.6439, -19.9026



177.3060, -0.6439, 19.9026

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.



195.2370, -6.0328, 21.7172



188.6940, 0.6439, -19.9026



195.2600, 5.7878, 10.2960

Square

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



188.6940, 0.6439, -19.9026



191.5390, 12.5523, -12.7507



195.1210, -0.0597, 19.1879



192.5640, -12.1101, 10.9064

Rectangle

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



188.6940, 0.6439, -19.9026



189.4900, 10.1114, -23.2317



195.1210, -0.0597, 19.1879



194.1290, -8.9376, 20.0579

Sweetspot

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



188.6940, 0.6439, -19.9026



250.6570, 0.1691, -7.5922



188.9480, -11.3134, -11.3554



125.2660, -0.1311, -4.6183



0.0000, 0.0000, 0.0000



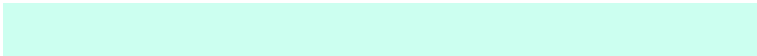
128.0000, 0.0000, 0.0000

Same Dimension

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



188.6940, 0.6439, -19.9026



238.0410, 0.9658, -29.8540



185.7250, 7.0376, -17.2988



96.0810, 0.4531, -5.3330



108.7910, 3.0610, -95.4097



23.9820, 0.5019, -21.0322

Inverse Universe

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



177.3060, -0.6439, 19.9026



220.9590, -0.9658, 29.8540



180.2750, -7.0376, 17.2988



92.9190, -0.4531, 5.3330



54.2090, -3.0610, 95.4097



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 188.6940, 0.6439, -19.9026 looks on a white background.

Color Contrast Check

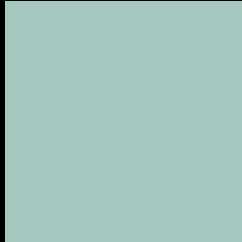
Large Text (above 18pt) WCAG AA × Fail

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 188.6940, 0.6439, -19.9026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

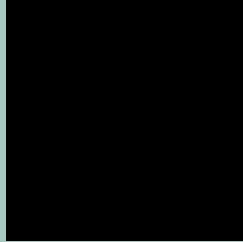
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.6940, 0.6439, -19.9026

Background



This preview shows how black text looks on a background with the YUV color 188.6940, 0.6439, -19.9026.



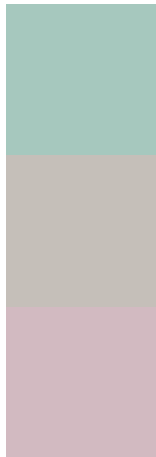
This preview shows how white text looks on a background with the YUV color 188.6940, 0.6439, -19.9026.

-19.9026.

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

188.6940, 0.6439, -19.9026

Protanopia

192.1100, -3.5052, 4.2885

Deuteranopia

193.9740, -0.4802, 14.0548



Tritanopia

190.6370, 10.5320, -18.0986

Trichromacy



Original Color

188.6940, 0.6439, -19.9026

Protanomaly

190.8100, -1.8783, -4.2184

Deuteranomaly

192.0110, -0.0054, 1.7444

Tritanomaly

190.0130, 6.8956, -18.4284

Monochromacy



Original Color

188.6940, 0.6439, -19.9026

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6940, 0.6439, -19.9026 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(166, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(166, 200, 190)  
}
```

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(166, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 200, 190) }
```

Border

The CSS property to change the border of an element to YUV 188.6940, 0.6439, -19.9026 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(166, 200, 190) }
```


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

```
.border{ border-color:rgb(166, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(166, 200,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 188.6940, 0.6439, -19.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 200, 190) }
```

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

```
.background{ background-color: rgb(166,  
200, 190) }
```

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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