

Converting Colors

YUV(193.5630, 2.6804,
-19.7878)

Have a look what the booklet for
YUV(193.5630, 2.6804, -19.7878)
contains.

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Color

**YUV(193.5630, 2.6804,
-19.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCCC7
RGB	171, 204, 199
RGB Percent	67%, 80%, 78%
CMY	0.3294, 0.2000, 0.2196
CMYK	0.16, 0.00, 0.02, 0.20
HSL	171°, 24%, 74%
HSV	171°, 16%, 80%
XYZ	48.6963, 55.9672, 62.2690
YIQ	193.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

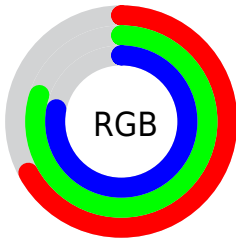
Format	Color
RYB	171, 189, 204
Decimal	11259079
CIELab	79.60, -11.96, -1.19
CIElCh	80, 12.019, 185.685
Yxy	55.9672, 0.2917, 0.3353
Android (android.graphics.Color)	4289449159 (0xFFABCCC7)
YUV	193.5630, 2.6804, -19.7878
Hunter-Lab	74.8112, -14.7301, 3.0179

Details

The YUV color $193.5630, 2.6804, -19.7878$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $181.4370, -2.6804, 19.7878$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6280, 4.1274, -17.2138$, and $139.8620, 2.5330, -19.1730$ is the 20% darker color. If you saturate the color by 10%, you get $187.2410, 4.3182, -31.7834$, and if you desaturate by 10%, it is $199.8850, 1.0427, -7.7921$.

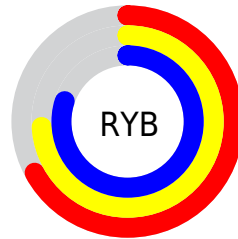
Distribution



Red (67%)

Green (80%)

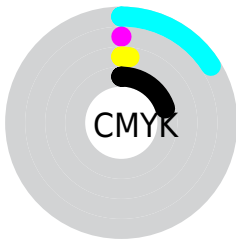
Blue (78%)



Red (67%)

Yellow (74%)

Blue (80%)

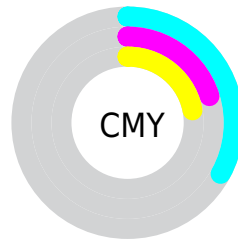


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (33%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5630, 2.6804, -19.7878 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 193.5630, 2.6804, -19.7878 by changing the saturation by 10% instead.

■ 193.5630, 2.6804,
-19.7878

■ 193.5630, 2.6804,
-19.7878

255.0000, 0.0000,
0.0000

■ 166.5630, 2.6804,
-19.7878

■ 246.6280, 4.1274,
-17.2138

■ 139.8620, 2.5330,
-19.1730

■ 114.2750, 2.8224,
-18.6582

■ 89.5740, 2.6750,
-18.0434

■ 65.8730, 2.5276,
-17.4286

■ 42.9870, 2.9644,
-17.5286

■ 21.6880, 3.1118,

-18.1434

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 193.5630, 2.6804,
-19.7878

■ 193.5630, 2.6804,
-19.7878

■ 187.2410, 4.3182,
-31.7834

■ 199.8850, 1.0427,
-7.7921

■ 180.6200, 6.1033,
-44.3937

■ 206.5060, -0.7425,
4.8182

■ 174.2980, 7.7411,
-56.3893

■ 212.8280, -2.3802,
16.8138

■ 167.6770, 9.5262,
-68.9997

■ 219.4490, -4.1654,
29.4242

■ 161.3550, 11.1640,
-80.9953

■ 220.3890, -3.1498,
30.3538

■ 154.9190, 12.3649,
-92.8910

■ 220.8450, -1.4026,
29.9539

■ 148.2980, 14.1501,
-105.5013

■ 221.1870, -0.0922,
29.6540

■ 141.9760, 15.7878,
-117.4970

■ 221.5290, 1.2182,
29.3541

■ 139.4700, 16.5303,
-122.3152

■ 221.8710, 2.5286,
29.0541

Harmonies

Analogous

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



194.1140, -3.0142, -13.2550



193.5630, 2.6804, -19.7878



193.9310, 7.9220, -20.9875

Triad

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



193.5630, 2.6804, -19.7878



198.7860, 7.9935, 2.8187



197.7540, -10.2317, 15.1247

Complementary

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



193.5630, 2.6804, -19.7878



181.4370, -2.6804, 19.7878

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.



199.2860, -7.0430, 19.0432



193.5630, 2.6804, -19.7878



199.7010, 3.5984, 12.5402

Square

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



193.5630, 2.6804, -19.7878



196.8170, 10.9362, -7.7325



199.8390, -2.3856, 18.5582



196.5850, -10.6414, 6.5030

Rectangle

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



193.5630, 2.6804, -19.7878



194.8110, 9.9532, -19.1282



199.8390, -2.3856, 18.5582



198.2920, -9.5110, 17.2839

Sweetspot

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



193.5630, 2.6804, -19.7878



250.8850, 1.0427, -7.7921



191.8660, -10.2869, -13.9145



125.3800, 0.3057, -4.7183



0.0000, 0.0000, 0.0000



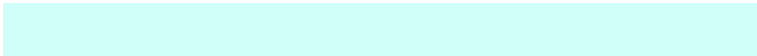
128.0000, 0.0000, 0.0000

Same Dimension

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



193.5630, 2.6804, -19.7878



239.8500, 4.0180, -28.8094



187.6760, 8.0477, -14.6249



98.7820, 0.6005, -5.9478



113.5160, 13.5496, -99.5535



25.9540, 2.9807, -22.7617

Inverse Universe

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



181.4370, -2.6804, 19.7878



222.1500, -4.0179, 28.8095



187.3240, -8.0477, 14.6249



95.1040, -1.0373, 6.0478



52.4840, -13.5496, 99.5535



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 193.5630, 2.6804, -19.7878 looks on a white background.

Color Contrast Check

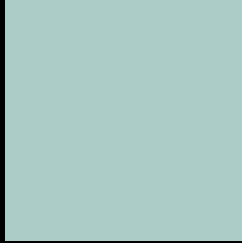
Large Text (above 18pt) WCAG AA × Fail

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 193.5630, 2.6804, -19.7878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

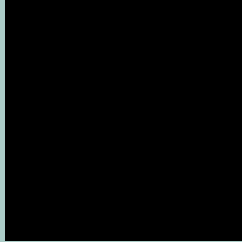
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

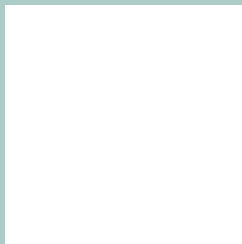
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.5630, 2.6804, -19.7878

Background



This preview shows how black text looks on a background with the YUV color 193.5630, 2.6804, -19.7878.



This preview shows how white text looks on a background with the YUV color 193.5630, 2.6804,

-19.7878.

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

193.5630, 2.6804, -19.7878

Protanopia

197.2670, -1.6106, 3.2738

Deuteranopia

199.1310, 1.4144, 13.0401



Tritanopia

194.7510, 10.9688, -18.1986

Trichromacy



Original Color

193.5630, 2.6804, -19.7878

Protanomaly

195.9670, 0.0163, -5.2331

Deuteranomaly

197.1680, 1.8892, 0.7297

Tritanomaly

194.2410, 7.7692, -18.6284

Monochromacy



Original Color

193.5630, 2.6804, -19.7878

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5630, 2.6804, -19.7878 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(171, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 204, 199)  
}
```

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(171, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 204, 199) }
```

Border

The CSS property to change the border of an element to YUV 193.5630, 2.6804, -19.7878 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(171, 204, 199) }
```


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

```
.border{ border-color:rgb(171, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 204,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 193.5630, 2.6804, -19.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 204, 199) }
```

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

```
.background{ background-color: rgb(171,  
204, 199) }
```

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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