

Converting Colors

YUV(201.2210, 1.3700,
-19.4878)

Have a look what the booklet for
YUV(201.2210, 1.3700, -19.4878)
contains.

YUV(201.2210, 1.3700, -19.4878)	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(201.2210, 1.3700,
-19.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D4CC
RGB	179, 212, 204
RGB Percent	70%, 83%, 80%
CMY	0.2980, 0.1686, 0.2000
CMYK	0.16, 0.00, 0.04, 0.17
HSL	165°, 28%, 77%
HSV	165°, 16%, 83%
XYZ	53.0330, 61.0303, 66.1116
YIQ	201.2210, -17.1000, -9.4840

Conversions

Conversions Part 2

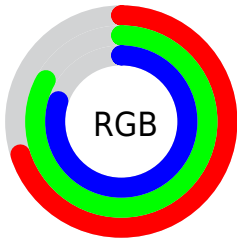
Format	Color
RYB	179, 198, 212
Decimal	11785420
CIELab	82.40, -12.49, 0.29
CIELCh	82, 12.491, 178.670
Yxy	61.0303, 0.2943, 0.3387
Android (android.graphics.Color)	4289975500 (0xFFB3D4CC)
YUV	201.2210, 1.3700, -19.4878
Hunter-Lab	78.1219, -15.5388, 4.5104

Details

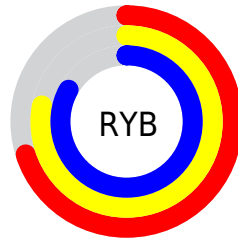
The YUV color $201.2210, 1.3700, -19.4878$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $189.7790, -1.3700, 19.4878$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, 2.9481, -12.2955$, and $146.9330, 1.5120, -18.3582$ is the 20% darker color. If you saturate the color by 10%, you get $194.3720, 2.2816, -31.8982$, and if you desaturate by 10%, it is $208.0700, 0.4585, -7.0774$.

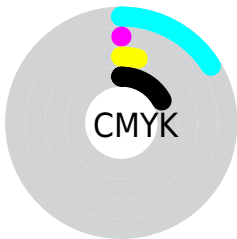
Distribution



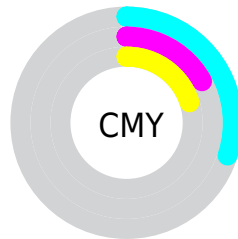
- Red (70%)
- Green (83%)
- Blue (80%)



- Red (70%)
- Yellow (78%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (30%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.2210, 1.3700, -19.4878 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 201.2210, 1.3700, -19.4878 by changing the saturation by 10% instead.

■ 201.2210, 1.3700,
-19.4878

■ 201.2210, 1.3700,
-19.4878

255.0000, 0.0000,
0.0000

■ 173.6340, 1.6594,
-18.9730

■ 249.0200, 2.9481,
-12.2955

■ 146.9330, 1.5120,
-18.3582

■ 121.2320, 1.3646,
-17.7435

■ 96.2320, 1.3646,
-17.7435

■ 72.5310, 1.2172,
-17.1287

■ 49.6450, 1.6540,
-17.2287

■ 27.7590, 2.0908,

-17.3286

■ 10.3040, -1.1359,
-9.0366

■ 0.0000, 0.0000,
0.0000

■ 201.2210, 1.3700,
-19.4878

■ 201.2210, 1.3700,
-19.4878

■ 194.3720, 2.2816,
-31.8982

■ 208.0700, 0.4585,
-7.0774

■ 187.5230, 3.1932,
-44.3087

■ 214.9190, -0.4531,
5.3330

■ 180.3750, 4.2521,
-57.3339

■ 222.0670, -1.5120,
18.3582

■ 173.4120, 4.7269,
-69.6443

■ 226.3390, -0.6601,
25.1357

■ 166.5630, 5.6384,
-82.0548

■ 226.9090, 1.5239,
24.6358

■ 159.7140, 6.5500,
-94.4652

■ 227.4790, 3.7079,
24.1359

■ 152.8650, 7.4616,
-106.8756

■ 228.0490, 5.8918,
23.6360

■ 145.7170, 8.5205,
-119.9008

■ 228.6190, 8.0758,
23.1361

■ 142.7980, 8.9736,
-125.2338

■ 229.1890, 10.2598,
22.6362

Harmonies

Analogous

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



202.3700, -4.6194, -11.7255



201.2210, 1.3700, -19.4878



201.6920, 7.0538, -22.5319

Triad

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



201.2210, 1.3700, -19.4878



206.1170, 9.3093, 0.7744



205.7650, -10.2371, 16.8691

Complementary

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



201.2210, 1.3700, -19.4878



189.7790, -1.3700, 19.4878

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.



207.1120, -6.4642, 20.0728



201.2210, 1.3700, -19.4878



207.3310, 4.7668, 11.1107

Square

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



201.2210, 1.3700, -19.4878



204.3220, 11.6733, -10.8064



207.2950, -0.6384, 18.1583



204.7810, -11.2310, 8.9621

Rectangle

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



201.2210, 1.3700, -19.4878



201.8000, 9.9586, -20.8726



207.2950, -0.6384, 18.1583



206.4170, -9.0796, 18.9283

Sweetspot

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



201.2210, 1.3700, -19.4878



250.7710, 0.6059, -7.6922



200.7630, -10.7292, -12.0702



125.3800, 0.3057, -4.7183



0.0000, 0.0000, 0.0000



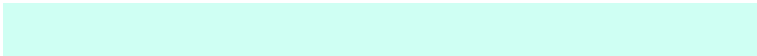
128.0000, 0.0000, 0.0000

Same Dimension

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



201.2210, 1.3700, -19.4878



239.2800, 1.8340, -28.3096



197.4370, 7.1796, -16.1692



103.4830, 0.7479, -6.5626



115.0830, 6.8611, -100.9278



29.0030, 1.9705, -25.4356

Inverse Universe

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



189.7790, -1.3700, 19.4878



222.6060, -2.2708, 28.4095



193.5630, -7.1796, 16.1692



99.6310, -0.3111, 6.4626



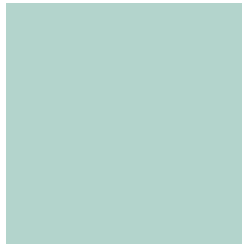
55.8030, -7.2979, 101.0278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 201.2210, 1.3700, -19.4878 looks on a white background.

Color Contrast Check

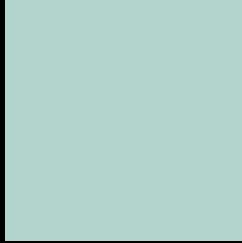
Large Text (above 18pt) WCAG AA × Fail

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 201.2210, 1.3700, -19.4878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

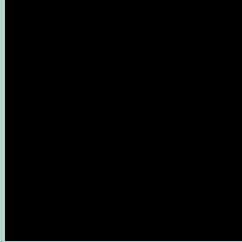
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.2210, 1.3700, -19.4878

Background



This preview shows how black text looks on a background with the YUV color 201.2210, 1.3700, -19.4878.



This preview shows how white text looks on a background with the YUV color 201.2210, 1.3700, -19.4878.

-19.4878.

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

201.2210, 1.3700, -19.4878

Protanopia

204.9250, -2.9210, 3.5738

Deuteranopia

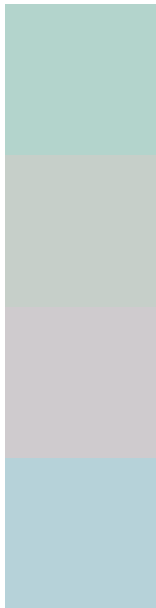
206.5010, 0.2460, 14.4696



Tritanopia

203.0500, 10.8214, -17.5838

Trichromacy



Original Color

201.2210, 1.3700, -19.4878

Protanomaly

203.6250, -1.2941, -4.9331

Deuteranomaly

204.5380, 0.7208, 2.1592

Tritanomaly

202.4260, 7.1850, -17.9136

Monochromacy



Original Color

201.2210, 1.3700, -19.4878

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0700, 0.4585, -7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.2210, 1.3700, -19.4878 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(179, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(179, 212, 204)  
}
```

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(179, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 212, 204) }
```

Border

The CSS property to change the border of an element to YUV 201.2210, 1.3700, -19.4878 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(179, 212, 204) }
```


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

```
.border{ border-color:rgb(179, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(179, 212,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 201.2210, 1.3700, -19.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 212, 204) }
```

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

```
.background{ background-color: rgb(179,  
212, 204) }
```

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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