

Converting Colors

YUV(198.8930, -11.2862,
-20.0772)

Have a look what the booklet for
YUV(198.8930, -11.2862, -20.0772)
contains.

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Color

**YUV(198.8930, -11.2862,
-20.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D7B0
RGB	176, 215, 176
RGB Percent	69%, 84%, 69%
CMY	0.3098, 0.1569, 0.3098
CMYK	0.18, 0.00, 0.18, 0.16
HSL	120°, 33%, 77%
HSV	120°, 18%, 84%
XYZ	50.0414, 60.9656, 50.2044
YIQ	198.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

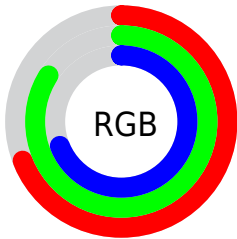
Format	Color
RYB	176, 215, 215
Decimal	11589552
CIELab	82.36, -20.23, 15.08
CIELCh	82, 25.228, 143.302
Yxy	60.9656, 0.3104, 0.3782
Android (android.graphics.Color)	4289779632 (0xFFB0D7B0)
YUV	198.8930, -11.2862, -20.0772
Hunter-Lab	78.0805, -22.2410, 16.5339

Details

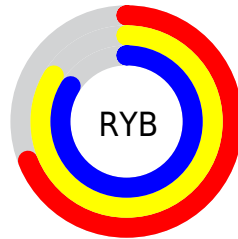
The YUV color **198.8930, -11.2862, -20.0772** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192.1070, 11.2862, 20.0772**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5010, -6.6560, -11.8404**, and **144.7190, -10.7075, -19.0476** is the 20% darker color. If you saturate the color by 10%, you get **190.2200, -17.3635, -30.8879**, and if you desaturate by 10%, it is **207.9790, -4.9196, -8.7516**.

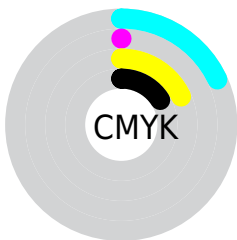
Distribution



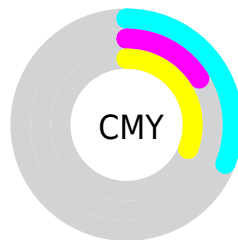
- Red (69%)
- Green (84%)
- Blue (69%)



- Red (69%)
- Yellow (84%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8930, -11.2862, -20.0772 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 198.8930, -11.2862, -20.0772 by changing the saturation by 10% instead.

■ 198.8930,
-11.2862, -20.0772

■ 198.8930,
-11.2862, -20.0772

255.0000, 0.0000,
0.0000

■ 171.3060,
-10.9969, -19.5624

■ 245.5010, -6.6560,
-11.8404

■ 144.7190,
-10.7075, -19.0476

■ 119.1320,
-10.4181, -18.5328

■ 93.6590, -9.6919,
-18.1179

■ 69.8870, -8.8183,
-18.3179

■ 47.3000, -8.5289,
-17.8031

■ 24.5990, -8.6763,

-17.1883

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 198.8930,
-11.2862, -20.0772

■ 198.8930,
-11.2862, -20.0772

■ 190.2200,
-17.3635, -30.8879

■ 207.9790, -4.9196,
-8.7516

■ 181.1340,
-23.7301, -42.2135

■ 216.6520, 1.1576,
2.0592

■ 172.4610,
-29.8073, -53.0243

■ 225.7380, 7.5242,
13.3848

■ 163.3750,
-36.1739, -64.3499

■ 231.5200, 11.5756,
20.5920

■ 154.7020,
-42.2511, -75.1607

■ 145.6160,
-48.6177, -86.4862

■ 136.9430,
-54.6949, -97.2970

■ 127.8570,
-61.0615, -108.6226

■ 126.2050,
-62.2191, -110.6818

Harmonies

Analogous

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



201.7340, -20.0819, 1.1103



198.8930, -11.2862, -20.0772



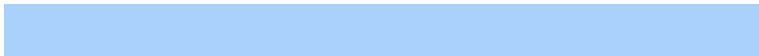
196.1000, 1.4297, -38.6757

Triad

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



198.8930, -11.2862, -20.0772



202.1270, 24.0944, -28.1754



208.2070, -10.4551, 40.1605

Complementary

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



198.8930, -11.2862, -20.0772



192.1070, 11.2862, 20.0772

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.



208.8610, 1.0545, 35.2019



198.8930, -11.2862, -20.0772



206.6570, 20.3821, -4.0842

Square

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



198.8930, -11.2862, -20.0772



197.1480, 22.1120, -45.7338



208.6230, 12.0179, 18.7476



206.5840, -19.0219, 34.5678

Rectangle

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



198.8930, -11.2862, -20.0772



194.6350, 10.0399, -47.0379



208.6230, 12.0179, 18.7476



208.5320, -6.6713, 39.8754

Sweetspot

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



198.8930, -11.2862, -20.0772



249.6310, -3.7621, -6.6924



210.5540, -17.0351, 3.8991



124.6960, -2.3151, -4.1184



0.0000, 0.0000, 0.0000



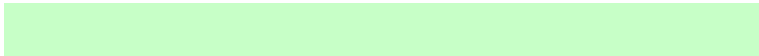
128.0000, 0.0000, 0.0000

Same Dimension

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



198.8930, -11.2862, -20.0772



231.8720, -16.2059, -28.8287



201.1730, -2.5503, -22.0767



102.4570, -3.1833, -5.6628



100.3770, -49.4859, -88.0306



25.2410, -12.4438, -22.1364

Inverse Universe

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



192.1070, 11.2862, 20.0772



222.1280, 16.2059, 28.8287



189.9410, 2.9871, 21.9767



100.5430, 3.1833, 5.6628



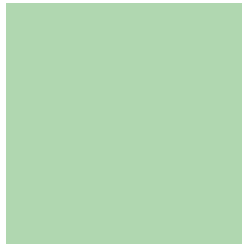
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 198.8930, -11.2862, -20.0772 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 198.8930, -11.2862, -20.0772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

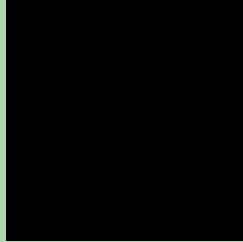
Any Text WCAG AA ✓ Pass

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 198.8930, -11.2862, -20.0772 Background



This preview shows how black text looks on a background with the YUV color 198.8930, -11.2862, -20.0772.



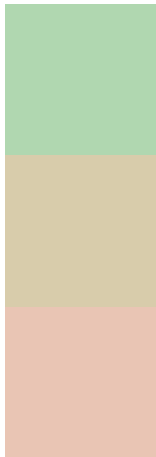
This preview shows how white text looks on a background with the YUV color 198.8930, -11.2862, -20.0772.

-20.0772.

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

198.8930, -11.2862, -20.0772

Protanopia

203.8260, -16.1832, 10.6766

Deuteranopia

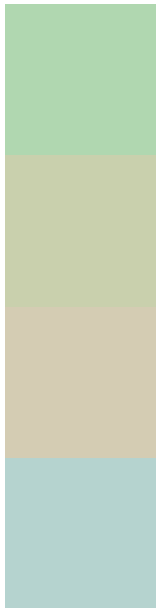
205.8260, -12.7322, 23.8316



Tritanopia

202.7620, 10.9633, -16.4543

Trichromacy



Original Color

198.8930, -11.2862, -20.0772

Protanomaly

201.9170, -14.2561, -0.8042

Deuteranomaly

203.5420, -12.0992, 7.4177

Tritanomaly

201.5740, 2.6750, -18.0434

Monochromacy



Original Color

198.8930, -11.2862, -20.0772

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2180, -4.0515, -7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8930, -11.2862, -20.0772 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(176, 215, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 215, 176)  
}
```

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(176, 215, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 215, 176) }
```

Border

The CSS property to change the border of an element to YUV 198.8930, -11.2862, -20.0772 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(176, 215, 176) }
```


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

```
.border{ border-color:rgb(176, 215, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 215, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 215, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 215, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 215,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 198.8930, -11.2862, -20.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 215, 176) }
```

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

```
.background{ background-color: rgb(176,  
215, 176) }
```

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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