

Converting Colors

YUV(198.3080, -20.8578,
-30.0881)

Have a look what the booklet for
YUV(198.3080, -20.8578, -30.0881)
contains.

YUV(198.3080, -20.8578, -30.0881)	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(198.3080, -20.8578,
-30.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E09C
RGB	164, 224, 156
RGB Percent	64%, 88%, 61%
CMY	0.3569, 0.1216, 0.3882
CMYK	0.27, 0.00, 0.30, 0.12
HSL	113°, 52%, 75%
HSV	113°, 30%, 88%
XYZ	47.9662, 63.6041, 41.2012
YIQ	198.3080, -13.9320, -33.8680

Conversions

Conversions Part 2

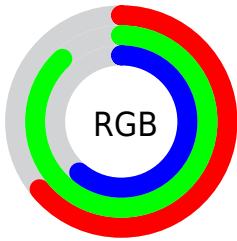
Format	Color
RYB	156, 224, 216
Decimal	10805404
CIELab	83.76, -31.92, 27.34
CIElCh	84, 42.026, 139.418
Yxy	63.6041, 0.3140, 0.4163
Android (android.graphics.Color)	4288995484 (0xFFA4E09C)
YUV	198.3080, -20.8578, -30.0881
Hunter-Lab	79.7522, -32.2091, 25.1964

Details

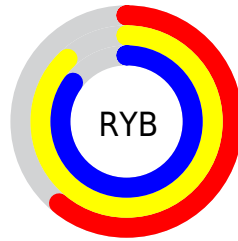
The YUV color **198.3080, -20.8578, -30.0881** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **181.6920, 20.8578, 30.0881**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.5190, -14.0599, -17.1182**, and **143.3620, -19.4055, -29.2585** is the 20% darker color. If you saturate the color by 10%, you get **189.8200, -27.5193, -40.1841**, and if you desaturate by 10%, it is **206.7960, -14.1964, -19.9921**.

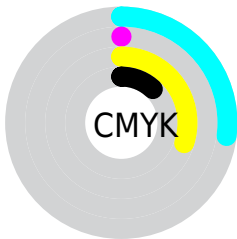
Distribution



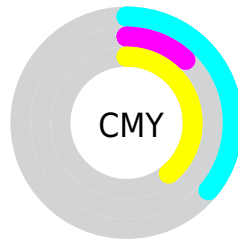
- Red (64%)
- Green (88%)
- Blue (61%)



- Red (61%)
- Yellow (88%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (12%)



- Cyan (36%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.3080, -20.8578, -30.0881 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 198.3080, -20.8578, -30.0881 by changing the saturation by 10% instead.

■ 198.3080,
-20.8578, -30.0881

■ 198.3080,
-20.8578, -30.0881

255.0000, 0.0000,
0.0000

■ 170.8350,
-20.1317, -29.6733

■ 239.5190,
-14.0599, -17.1182

■ 143.3620,
-19.4055, -29.2585

■ 251.3820, -6.1043,
-2.0890

■ 117.5900,
-18.5319, -29.4584

■ 92.1170, -17.8057,
-29.0436

■ 67.0460, -16.7847,
-29.8583

■ 40.7680, -15.1686,
-34.8765

■ 25.8280, -12.7332,

-22.6512

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 198.3080,
-20.8578, -30.0881

■ 198.3080,
-20.8578, -30.0881

■ 189.8200,
-27.5193, -40.1841

■ 206.7960,
-14.1964, -19.9921

■ 181.2180,
-34.6175, -50.1802

■ 215.3980, -7.0982,
-9.9960

■ 173.0290,
-41.4263, -59.6614

■ 223.5870, -0.2894,
-0.5148

■ 164.4270,
-48.5245, -69.6575

■ 232.1890, 6.8088,
9.4812

■ 155.9390,
-55.1859, -79.7535

■ 236.8030, 8.9711,
15.9588

■ 147.4510,
-61.8473, -89.8495

■ 139.2620,
-68.6562, -99.3308

Harmonies

Analogous

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



203.2710, -34.6436, 5.0243



198.3080, -20.8578, -30.0881



190.5110, 1.2271, -67.1001

Triad

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



198.3080, -20.8578, -30.0881



195.0200, 29.5701, -57.8995



202.2940, -9.0189, 46.2232

Complementary

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



198.3080, -20.8578, -30.0881



181.6920, 20.8578, 30.0881

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.



207.5550, 8.6004, 41.6093



198.3080, -20.8578, -30.0881



206.5250, 23.8982, -11.8614

Square

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



198.3080, -20.8578, -30.0881



181.7650, 36.1049, -100.6489



213.2680, 20.5739, 27.8290



203.7010, -26.4746, 44.9892

Rectangle

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



198.3080, -20.8578, -30.0881



183.7110, 17.8905, -91.8315



213.2680, 20.5739, 27.8290



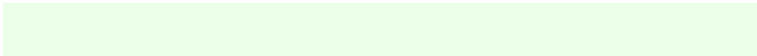
203.3030, -2.6144, 45.3383

Sweetspot

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



198.3080, -20.8578, -30.0881



246.3980, -7.0982, -9.9960



210.9650, -27.0977, 11.4317



122.4030, -4.6357, -6.4924



0.0000, 0.0000, 0.0000



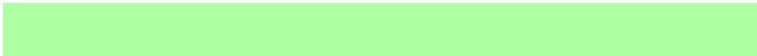
128.0000, 0.0000, 0.0000

Same Dimension

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



198.3080, -20.8578, -30.0881



220.2930, -28.2454, -40.5990



198.7660, -8.7586, -37.5058



107.7560, -3.3307, -5.0480



109.5910, -54.0284, -77.6943



29.9700, -14.7752, -21.0217

Inverse Universe

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



181.6920, 20.8578, 30.0881



197.7070, 28.2454, 40.5990



181.2340, 8.7586, 37.5058



105.2440, 3.3307, 5.0480



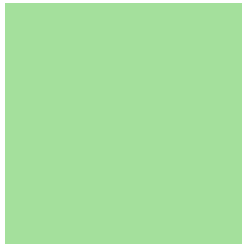
66.4090, 54.0284, 77.6943



18.3290, 14.6278, 21.6365

Previews

White Background



This preview shows how the YUV color 198.3080, -20.8578, -30.0881 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 198.3080, -20.8578, -30.0881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

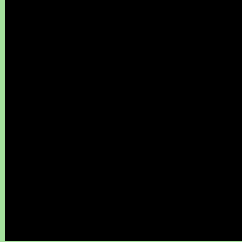
Any Text WCAG AA ✓ Pass

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 198.3080, -20.8578, -30.0881 Background



This preview shows how black text looks on a background with the YUV color 198.3080, -20.8578, -30.0881.



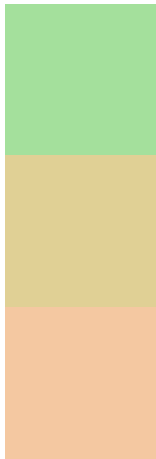
This preview shows how white text looks on a background with the YUV color 198.3080, -20.8578, -30.0881.

-30.0881.

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

198.3080, -20.8578, -30.0881

Protanopia

206.0580, -28.1296, 15.7351

Deuteranopia

208.7100, -23.5210, 30.9493



Tritanopia

204.9890, 13.3164, -24.5464

Trichromacy



Original Color

198.3080, -20.8578, -30.0881

Protanomaly

203.3440, -25.3126, -1.1787

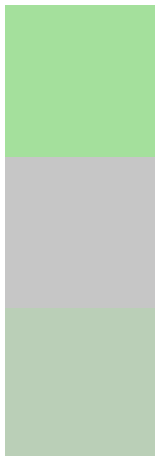
Deuteranomaly

205.0940, -22.7243, 8.6876

Tritanomaly

202.6500, 0.6655, -26.8801

Monochromacy



Original Color

198.3080, -20.8578, -30.0881

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.9850, -7.3876, -10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.3080, -20.8578, -30.0881 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(164, 224, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 224, 156)  
}
```

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(164, 224, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 224, 156) }
```

Border

The CSS property to change the border of an element to YUV 198.3080, -20.8578, -30.0881 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(164, 224, 156) }
```


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

```
.border{ border-color:rgb(164, 224, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 224, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 224, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 224, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 224,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 198.3080, -20.8578, -30.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 224, 156) }
```

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

```
.background{ background-color: rgb(164,  
224, 156) }
```

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