

Converting Colors

YUV(200.3420, -18.9026,
-3.8079)

Have a look what the booklet for
YUV(200.3420, -18.9026, -3.8079)
contains.

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Color

**YUV(200.3420, -18.9026,
-3.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D2A2
RGB	196, 210, 162
RGB Percent	77%, 82%, 64%
CMY	0.2314, 0.1765, 0.3647
CMYK	0.07, 0.00, 0.23, 0.18
HSL	77°, 35%, 73%
HSV	77°, 23%, 82%
XYZ	52.3331, 60.4376, 43.0898
YIQ	200.3420, 7.0640, -17.8960

Conversions

Conversions Part 2

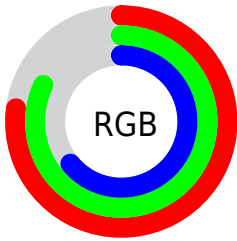
Format	Color
RYB	162, 210, 176
Decimal	12898978
CIELab	82.08, -12.93, 22.26
CIElCh	82, 25.741, 120.150
Yxy	60.4376, 0.3358, 0.3878
Android (android.graphics.Color)	4291089058 (0xFFC4D2A2)
YUV	200.3420, -18.9026, -3.8079
Hunter-Lab	77.7416, -15.8874, 21.5565

Details

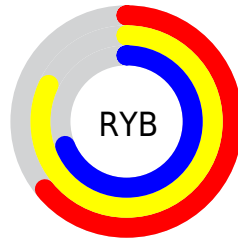
The YUV color $200.3420, -18.9026, -3.8079$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $171.6580, 18.9026, 3.8079$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0700, -16.3035, 2.5696$, and $146.5700, -18.0290, -4.0079$ is the 20% darker color. If you saturate the color by 10%, you get $196.1540, -27.1909, -5.3971$, and if you desaturate by 10%, it is $204.5300, -10.6143, -2.2188$.

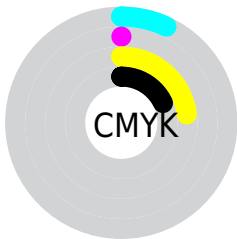
Distribution



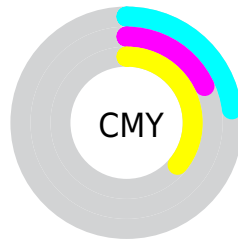
- Red (77%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3420, -18.9026, -3.8079 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 200.3420, -18.9026, -3.8079 by changing the saturation by 10% instead.

■ 200.3420,
-18.9026, -3.8079

■ 200.3420,
-18.9026, -3.8079

255.0000, 0.0000,
0.0000

■ 172.8690,
-18.1764, -3.3931

■ 250.0700,
-16.3035, 2.5696

■ 146.5700,
-18.0290, -4.0079

■ 253.9740, -3.9312,
0.8998

■ 120.6840,
-17.5922, -4.1079

■ 95.3250, -16.4292,
-3.7930

■ 71.4390, -15.9924,
-3.8930

■ 48.6670, -15.1188,
-4.0930

■ 28.3080, -13.9558,

-3.7781

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 200.3420,
-18.9026, -3.8079

■ 200.3420,
-18.9026, -3.8079

■ 196.1540,
-27.1909, -5.3971

■ 204.5300,
-10.6143, -2.2188

■ 191.9660,
-35.4792, -6.9862

■ 208.7180, -2.3260,
-0.6297

■ 187.7780,
-43.7676, -8.5753

■ 212.9060, 5.9623,
0.9594

■ 183.5900,
-52.0559, -10.1644

■ 217.3930, 14.1033,
3.1633

■ 179.1030,
-60.1968, -12.3683

■ 220.2130, 17.1500,
5.9522

■ 174.9150,
-68.4851, -13.9575

■ 222.0070, 16.2655,
9.6409

■ 170.7270,
-76.7734, -15.5466

■ 223.8010, 15.3811,
13.3295

■ 167.8210,
-82.7358, -16.5060

■ 225.5950, 14.4967,
17.0182

■ 227.3890, 13.6122,
20.7068

Harmonies

Analogous

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



203.3230, -23.3302, 16.3797



200.3420, -18.9026, -3.8079



196.8430, -8.7966, -25.2953

Triad

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



200.3420, -18.9026, -3.8079



196.9140, 23.7064, -43.7746



208.1880, -1.5717, 37.5461

Complementary

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



200.3420, -18.9026, -3.8079



171.6580, 18.9026, 3.8079

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.



208.7870, 9.9650, 23.8658



200.3420, -18.9026, -3.8079



202.2740, 24.5149, -23.0423

Square

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



200.3420, -18.9026, -3.8079



193.9210, 16.3079, -50.7967



206.4620, 19.4922, 1.3488



207.2240, -12.9284, 40.1456

Rectangle

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



200.3420, -18.9026, -3.8079



195.0570, -0.0281, -37.7610



206.4620, 19.4922, 1.3488



208.4910, 2.2229, 33.7724

Sweetspot

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



200.3420, -18.9026, -3.8079



251.4530, -7.1253, -1.2743



184.5700, -11.1270, 22.3021



125.8490, -4.3626, -0.7446



0.0000, 0.0000, 0.0000



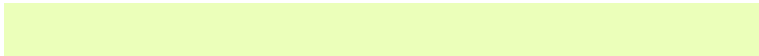
128.0000, 0.0000, 0.0000

Same Dimension

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



200.3420, -18.9026, -3.8079



241.1540, -27.1909, -5.3971



193.1660, -15.3648, -18.5626



102.8490, -4.3626, -0.7446



134.1970, -66.1591, -13.3278



32.7380, -16.1398, -3.2782

Inverse Universe

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



171.6580, 18.9026, 3.8079



199.8460, 27.1909, 5.3971



178.8340, 15.3648, 18.5626



96.1510, 4.3626, 0.7446



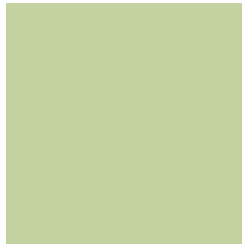
33.8030, 66.1591, 13.3278



8.2620, 16.1398, 3.2782

Previews

White Background



This preview shows how the YUV color 200.3420, -18.9026, -3.8079 looks on a white background.

Color Contrast Check

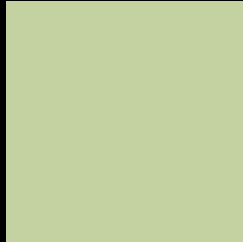
Large Text (above 18pt) WCAG AA × Fail

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 200.3420, -18.9026, -3.8079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

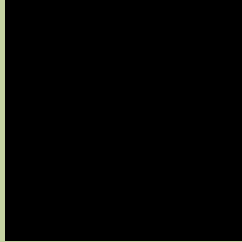
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

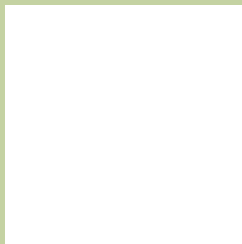
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.3420, -18.9026, -3.8079

Background



This preview shows how black text looks on a background with the YUV color 200.3420, -18.9026, -3.8079.



This preview shows how white text looks on a background with the YUV color 200.3420, -18.9026, -3.8079.

-3.8079.

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

200.3420, -18.9026, -3.8079

Protanopia

202.7570, -21.5722, 12.4911

Deuteranopia

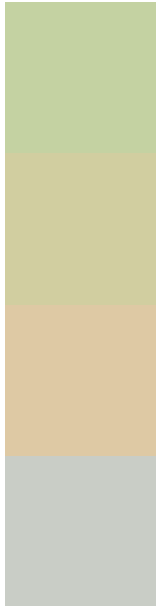
204.7250, -19.5844, 28.3052



Tritanopia

204.4220, 6.6940, -0.3701

Trichromacy



Original Color

200.3420, -18.9026, -3.8079

Protanomaly

201.6530, -20.5349, 6.4433

Deuteranomaly

203.0610, -19.2571, 16.6095

Tritanomaly

203.0060, -2.4680, -1.7593

Monochromacy



Original Color

200.3420, -18.9026, -3.8079

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.4530, -7.1253, -1.2743

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3420, -18.9026, -3.8079 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(196, 210, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 162)  
}
```

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(196, 210, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 162) }
```

Border

The CSS property to change the border of an element to YUV 200.3420, -18.9026, -3.8079 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(196, 210, 162) }
```


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

```
.border{ border-color:rgb(196, 210, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 210, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 200.3420, -18.9026, -3.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 210, 162) }
```

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

```
.background{ background-color: rgb(196,  
210, 162) }
```

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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