

Converting Colors

YUV(201.1200, -25.6952,
-18.5222)

Have a look what the booklet for
YUV(201.1200, -25.6952, -18.5222)
contains.

YUV(201.1200, -25.6952, -18.5222)	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(201.1200, -25.6952,
-18.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DE95
RGB	180, 222, 149
RGB Percent	71%, 87%, 58%
CMY	0.2941, 0.1294, 0.4157
CMYK	0.19, 0.00, 0.33, 0.13
HSL	95°, 53%, 73%
HSV	95°, 33%, 87%
XYZ	50.3685, 64.1158, 38.1547
YIQ	201.1200, -1.5990, -31.6070

Conversions

Conversions Part 2

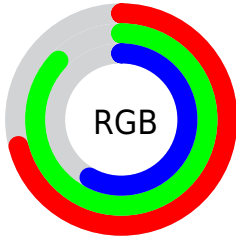
Format	Color
RYB	149, 222, 191
Decimal	11853461
CIELab	84.03, -26.53, 31.46
CIElCh	84, 41.150, 130.144
Yxy	64.1158, 0.3300, 0.4200
Android (android.graphics.Color)	4290043541 (0xFFB4DE95)
YUV	201.1200, -25.6952, -18.5222
Hunter-Lab	80.0723, -27.8434, 27.7988

Details

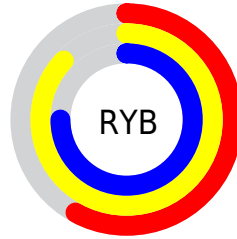
The YUV color $201.1200, -25.6952, -18.5222$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $169.8800, 25.6952, 18.5222$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8040, -19.6234, -5.9671$, and $146.7610, -24.5322, -18.2074$ is the 20% darker color. If you saturate the color by 10%, you get $194.7250, -33.3884, -24.3148$, and if you desaturate by 10%, it is $207.5150, -18.0019, -12.7297$.

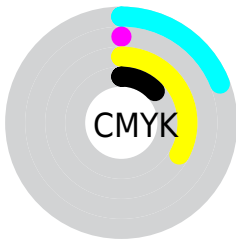
Distribution



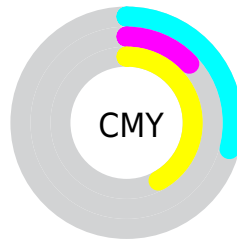
- Red (71%)
- Green (87%)
- Blue (58%)



- Red (58%)
- Yellow (87%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.1200, -25.6952, -18.5222 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 201.1200, -25.6952, -18.5222 by changing the saturation by 10% instead.

■ 201.1200,
-25.6952, -18.5222

■ 201.1200,
-25.6952, -18.5222

255.0000, 0.0000,
0.0000

■ 173.6470,
-24.9690, -18.1074

■ 243.8040,
-19.6234, -5.9671

■ 146.7610,
-24.5322, -18.2074

■ 252.3780,
-10.0464, 2.2995

■ 120.4020,
-23.3692, -17.8926

■ 94.9290, -22.6430,
-17.4777

■ 70.7440, -22.0588,
-18.1925

■ 46.6300, -22.4956,
-18.0925

■ 25.5400, -12.5912,

-21.5216

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 201.1200,
-25.6952, -18.5222

■ 201.1200,
-25.6952, -18.5222

■ 194.7250,
-33.3884, -24.3148

■ 207.5150,
-18.0019, -12.7297

■ 188.3300,
-41.0817, -30.1074

■ 213.9100,
-10.3086, -6.9371

■ 182.1200,
-49.3592, -35.1852

■ 220.1200, -2.0312,
-1.8592

■ 175.7250,
-57.0524, -40.9778

■ 226.5150, 5.6621,
3.9333

■ 169.3300,
-64.7457, -46.7704

■ 232.3400, 11.1714,
10.2258

■ 162.9350,
-72.4390, -52.5630

■ 235.6290, 9.5499,
16.9884

■ 158.4200,
-78.1011, -56.4963

Harmonies

Analogous

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



205.5820, -36.2759, 15.2756



201.1200, -25.6952, -18.5222



194.9380, -6.3784, -54.3196

Triad

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



201.1200, -25.6952, -18.5222



192.5840, 30.7711, -69.7952



204.4770, -3.1932, 44.3087

Complementary

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



201.1200, -25.6952, -18.5222



169.8800, 25.6952, 18.5222

Split Complementary

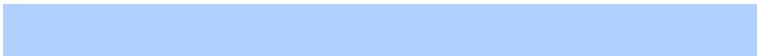
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.6840, 12.9738, 38.8651



201.1200, -25.6952, -18.5222



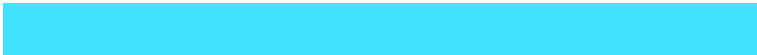
204.3770, 24.9571, -24.8866

Square

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



201.1200, -25.6952, -18.5222



182.3410, 35.8209, -102.9081



212.6040, 20.9012, 16.1333



203.7810, -21.0910, 44.9191

Rectangle

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



201.1200, -25.6952, -18.5222



188.6220, 9.5534, -77.7215



212.6040, 20.9012, 16.1333



205.9590, 2.4852, 43.0090

Sweetspot

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



201.1200, -25.6952, -18.5222



247.6650, -8.7088, -6.7222



194.8940, -22.6257, 23.7720



123.4850, -5.6621, -3.9333



0.0000, 0.0000, 0.0000



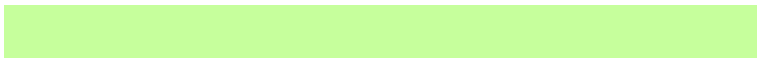
128.0000, 0.0000, 0.0000

Same Dimension

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



201.1200, -25.6952, -18.5222



226.6710, -34.8408, -25.1445



192.4210, -18.9416, -38.0802



108.9520, -3.9203, -2.5889



125.7370, -61.9883, -44.4963



34.4550, -16.9863, -11.8000

Inverse Universe

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



169.8800, 25.6952, 18.5222



184.3290, 34.8408, 25.1445



178.5790, 18.9416, 38.0802



104.0480, 3.9203, 2.5889



50.2630, 61.9883, 44.4963



13.8440, 16.8389, 12.4148

Previews

White Background



This preview shows how the YUV color 201.1200, -25.6952, -18.5222 looks on a white background.

Color Contrast Check

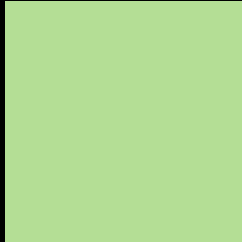
Large Text (above 18pt) WCAG AA × Fail

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 201.1200, -25.6952, -18.5222 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 201.1200, -25.6952, -18.5222 Background



This preview shows how black text looks on a background with the YUV color 201.1200, -25.6952, -18.5222.



This preview shows how white text looks on a background with the YUV color 201.1200, -25.6952, -18.5222.

-18.5222.

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

201.1200, -25.6952, -18.5222

Protanopia

206.5590, -31.3346, 17.0498

Deuteranopia

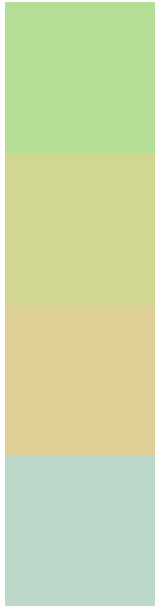
208.8090, -27.0208, 33.4935



Tritanopia

207.9580, 10.3737, -13.9952

Trichromacy



Original Color

201.1200, -25.6952, -18.5222

Protanomaly

204.6390, -29.4020, 3.8246

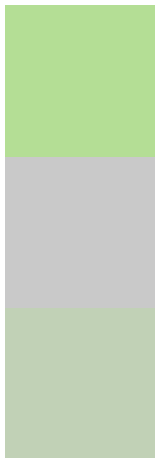
Deuteranomaly

206.1010, -26.6718, 14.8204

Tritanomaly

205.8040, -2.8614, -15.6141

Monochromacy



Original Color

201.1200, -25.6952, -18.5222

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.1380, -9.4350, -7.1370

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.1200, -25.6952, -18.5222 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(180, 222, 149)` looks like.

```
.text, #text, p{  
    color:rgb(180, 222, 149)  
}
```

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(180, 222, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 222, 149) }
```

Border

The CSS property to change the border of an element to YUV 201.1200, -25.6952, -18.5222 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(180, 222, 149) }
```


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

```
.border{ border-color:rgb(180, 222, 149) }
```

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

Here you see how a box with a 4 pixel rgb(180, 222, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 222, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 222, 149);  
box-shadow:4px 4px 4px 4px rgb(180, 222,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 201.1200, -25.6952, -18.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 222, 149) }
```

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

```
.background{ background-color: rgb(180,  
222, 149) }
```

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