

# Converting Colors

YUV(200.1380, -12.8860,  
-20.2920)

Have a look what the booklet for  
YUV(200.1380, -12.8860, -20.2920)  
contains.

<b>YUV(200.1380, -12.8860, -20.2920)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(200.1380, -12.8860,  
-20.2920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D9AE
RGB	177, 217, 174
RGB Percent	69%, 85%, 68%
CMY	0.3059, 0.1490, 0.3176
CMYK	0.18, 0.00, 0.20, 0.15
HSL	116°, 36%, 77%
HSV	116°, 20%, 85%
XYZ	50.5843, 62.0288, 49.3511
YIQ	200.1380, -10.0370, -21.8530

# Conversions

## Conversions Part 2

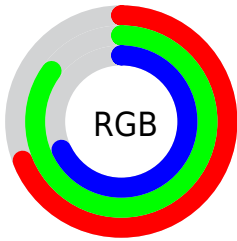
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 217, 214
Decimal	11655598
CIELab	82.93, -21.22, 16.94
CIElCh	83, 27.153, 141.409
Yxy	62.0288, 0.3123, 0.3830
Android (android.graphics.Color)	4289845678 (0xFFB1D9AE)
YUV	200.1380, -12.8860, -20.2920
Hunter-Lab	78.7584, -23.1816, 17.9789

# Details

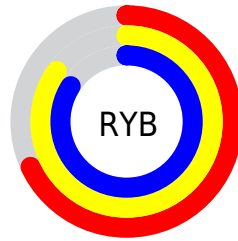
The YUV color **200.1380, -12.8860, -20.2920** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190.8620, 12.8860, 20.2920**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5720, -7.6770, -11.0256**, and **145.9640, -12.3073, -19.2624** is the 20% darker color. If you saturate the color by 10%, you get **191.6500, -19.5475, -30.3881**, and if you desaturate by 10%, it is **208.6260, -6.2246, -10.1960**.

# Distribution



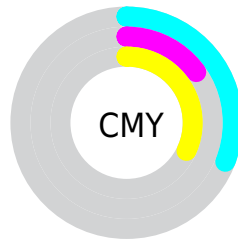
- Red (69%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.1380, -12.8860, -20.2920 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 200.1380, -12.8860, -20.2920 by changing the saturation by 10% instead.



■ 200.1380,  
-12.8860, -20.2920

■ 200.1380,  
-12.8860, -20.2920

255.0000, 0.0000,  
0.0000

■ 172.5510,  
-12.5966, -19.7772

■ 245.5720, -7.6770,  
-11.0256

■ 145.9640,  
-12.3073, -19.2624

■ 120.1920,  
-11.4337, -19.4624

■ 95.0180, -10.8549,  
-18.4328

■ 71.1320, -10.4181,  
-18.5328

■ 47.6590, -9.6919,  
-18.1179

■ 25.4310, -10.5655,

-17.9180

■ 10.5660, -5.2090,  
-9.2664

■ 0.0000, 0.0000,  
0.0000

■ 200.1380,  
-12.8860, -20.2920

■ 200.1380,  
-12.8860, -20.2920

■ 191.6500,  
-19.5475, -30.3881

■ 208.6260, -6.2246,  
-10.1960

■ 183.2760,  
-25.7721, -40.5841

■ 217.0000, 0.0000,  
0.0000

■ 174.4890,  
-32.2861, -51.2949

■ 225.7870, 6.5140,  
10.7108

■ 166.0010,  
-38.9475, -61.3909

■ 232.6940, 10.9969,  
19.5624

■ 157.6270,  
-45.1721, -71.5869

■ 149.1390,  
-51.8335, -81.6829

■ 140.6510,  
-58.4949, -91.7789

■ 132.1630,  
-65.1564, -101.8750

■ 131.8640,  
-65.0090, -102.4897

# Harmonies

## Analogous

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



203.5770, -21.9765, 2.1250



200.1380, -12.8860, -20.2920



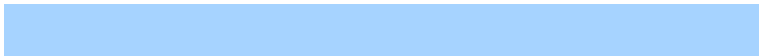
197.1490, 0.4195, -41.3497

# Triad

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



200.1380, -12.8860, -20.2920



202.5610, 25.8524, -32.0640



208.7340, -9.7289, 40.5753

# Complementary

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



200.1380, -12.8860, -20.2920



190.8620, 12.8860, 20.2920

# 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.



211.1000, 1.9227, 36.7463



200.1380, -12.8860, -20.2920



208.2160, 22.5715, -6.3284

# Square

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



200.1380, -12.8860, -20.2920



197.5710, 23.8755, -51.3668



210.4920, 14.0544, 18.8625



208.0790, -19.7589, 37.6417



# Rectangle

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



200.1380, -12.8860, -20.2920



195.3140, 10.1982, -51.1414



210.4920, 14.0544, 18.8625



209.0590, -5.9451, 40.2903

# Sweetspot

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



200.1380, -12.8860, -20.2920



249.1040, -4.4883, -7.1072



209.7500, -17.6247, 6.3582



124.2830, -2.6045, -4.6332



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

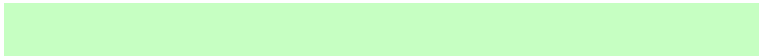


# Same Dimension

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



200.1380, -12.8860, -20.2920



231.0030, -18.2425, -28.9436



201.2930, -4.5814, -23.9360



105.4570, -3.1833, -5.6628



105.1390, -51.8335, -81.6829



27.8990, -13.7542, -21.8364



# Inverse Universe

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



190.8620, 12.8860, 20.2920



217.9970, 18.2425, 28.9436



189.7070, 4.5814, 23.9360



103.2440, 3.3307, 5.0480



67.8610, 51.8335, 81.6829

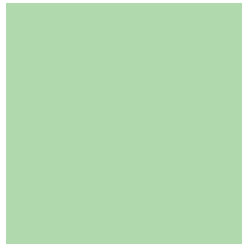


18.1010, 13.7542, 21.8364



# Previews

## White Background



This preview shows how the YUV color 200.1380, -12.8860, -20.2920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

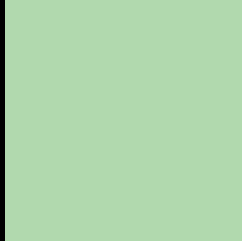
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 200.1380, -12.8860, -20.2920 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 200.1380, -12.8860, -20.2920 Background



This preview shows how black text looks on a background with the YUV color 200.1380, -12.8860, -20.2920.



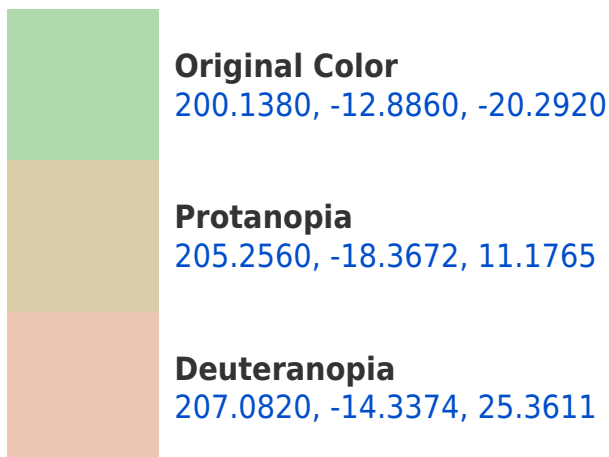
This preview shows how white text looks on a background with the YUV color 200.1380, -12.8860, -20.2920.

-20.2920.

# 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





## Tritanopia

204.7620, 10.9633, -16.4543

# Trichromacy



## Original Color

200.1380, -12.8860, -20.2920

## Protanomaly

203.3470, -16.4401, -0.3043

## Deuteranomaly

204.7980, -13.7044, 8.9472

## Tritanomaly

203.4600, 2.2382, -17.9434

# Monochromacy



## Original Color

200.1380, -12.8860, -20.2920

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

200.1040, -4.4883, -7.1072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.1380, -12.8860, -20.2920 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(177, 217, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 217, 174)  
}
```

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(177, 217, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 217, 174) }
```

## Border

The CSS property to change the border of an element to YUV 200.1380, -12.8860, -20.2920 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(177, 217, 174) }
```



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

```
.border{ border-color:rgb(177, 217, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 217, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 217, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 217, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 217,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 200.1380, -12.8860, -20.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 217, 174) }
```

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

```
.background{ background-color: rgb(177,  
217, 174) }
```

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