

# Converting Colors

YUV(202.5240, -11.5973,  
-13.6145)

Have a look what the booklet for  
YUV(202.5240, -11.5973, -13.6145)  
contains.

<b>YUV(202.5240, -11.5973, -13.6145)</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(202.5240, -11.5973,  
-13.6145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBD7B3
RGB	187, 215, 179
RGB Percent	73%, 84%, 70%
CMY	0.2667, 0.1569, 0.2980
CMYK	0.13, 0.00, 0.17, 0.16
HSL	107°, 31%, 77%
HSV	107°, 17%, 84%
XYZ	52.9306, 62.4203, 51.9064
YIQ	202.5240, -5.1320, -17.1320

# Conversions

## Conversions Part 2

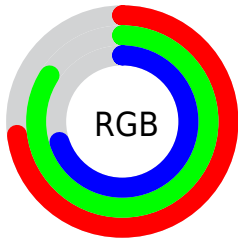
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">179, 215, 207</a>
Decimal	<a href="#">12310451</a>
CIELab	<a href="#">83.14, -15.95, 14.69</a>
CIELCh	<a href="#">83, 21.681, 137.356</a>
Yxy	<a href="#">62.4203, 0.3165, 0.3732</a>
Android (android.graphics.Color)	<a href="#">4290500531 (0xFFBBD7B3)</a>
YUV	<a href="#">202.5240, -11.5973, -13.6145</a>
Hunter-Lab	<a href="#">79.0065, -18.6749, 16.3517</a>

# Details

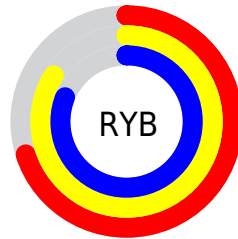
The YUV color **202.5240, -11.5973, -13.6145** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191.4760, 11.5973, 13.6145**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.1320, -6.9671, -5.3778**, and **148.3500, -11.0185, -12.5849** is the 20% darker color. If you saturate the color by 10%, you get **195.0470, -18.2642, -21.9662**, and if you desaturate by 10%, it is **210.1150, -4.4937, -5.3629**.

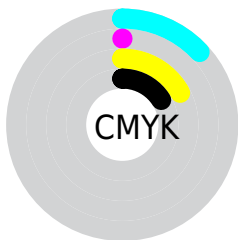
# Distribution



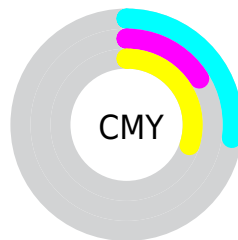
- Red (73%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.5240, -11.5973, -13.6145 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 202.5240, -11.5973, -13.6145 by changing the saturation by 10% instead.



■ 202.5240,  
-11.5973, -13.6145

■ 202.5240,  
-11.5973, -13.6145

255.0000, 0.0000,  
0.0000

■ 174.9370,  
-11.3079, -13.0997

■ 249.1320, -6.9671,  
-5.3778

■ 148.3500,  
-11.0185, -12.5849

■ 122.4640,  
-10.5818, -12.6849

■ 97.5780, -10.1450,  
-12.7849

■ 73.4040, -9.5662,  
-11.7553

■ 50.6320, -8.6926,  
-11.9553

■ 28.9310, -8.8400,

-11.3405

■ 11.1530, -5.4984,  
-9.7812

■ 0.0000, 0.0000,  
0.0000

■ 202.5240,  
-11.5973, -13.6145

■ 202.5240,  
-11.5973, -13.6145

■ 195.0470,  
-18.2642, -21.9662

■ 210.1150, -4.4937,  
-5.3629

■ 187.7550,  
-25.5152, -29.6031

■ 217.2930, 2.3206,  
2.3740

■ 180.2780,  
-32.1821, -37.9548

■ 224.7700, 8.9874,  
10.7257

■ 172.6870,  
-39.2857, -46.2065

■ 231.2210, 11.7230,  
19.9772

■ 165.0960,  
-46.3893, -54.4582

■ 231.5200, 11.5756,  
20.5920

■ 157.9180,  
-53.2036, -62.1951

■ 150.3270,  
-60.3072, -70.4468

■ 142.8500,  
-66.9740, -78.7984

■ 140.5570,  
-69.2946, -81.1725

# Harmonies

## Analogous

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



204.6250, -18.0561, 4.7139



202.5240, -11.5973, -13.6145



200.0580, -1.5076, -29.8689

# Triad

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



202.5240, -11.5973, -13.6145



204.2150, 20.6000, -27.3756



210.3850, -7.0918, 34.7424

# Complementary

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



202.5240, -11.5973, -13.6145



191.4760, 11.5973, 13.6145

# 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.



211.2730, 2.8234, 27.8246



202.5240, -11.5973, -13.6145



207.8800, 18.7932, -7.7878

# Square

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



202.5240, -11.5973, -13.6145



200.0410, 17.7278, -39.5010



210.2910, 12.1815, 12.8998



209.1860, -15.3747, 31.4089



# Rectangle

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



202.5240, -11.5973, -13.6145



199.3650, 6.2291, -38.0311



210.2910, 12.1815, 12.8998



210.8840, -3.8868, 33.4277

# Sweetspot

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



202.5240, -11.5973, -13.6145



250.5280, -4.2043, -4.8481



206.2000, -13.4096, 7.7176



125.2940, -2.6099, -2.8888



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

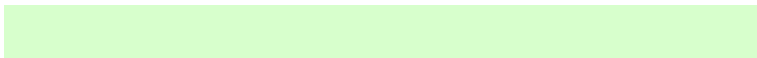


# Same Dimension

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



202.5240, -11.5973, -13.6145



237.2260, -16.3804, -19.4922



201.2720, -6.0501, -19.5325



103.3540, -3.6255, -3.8185



111.7390, -55.0873, -64.6691



28.2310, -13.9179, -15.9886



# Inverse Universe

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



191.4760, 11.5973, 13.6145



221.7740, 16.3804, 19.4922



192.7280, 6.0501, 19.5325



99.9450, 3.4781, 4.4332



59.2610, 55.0873, 64.6691



15.0680, 13.7705, 16.6034



# Previews

## White Background



This preview shows how the YUV color 202.5240, -11.5973, -13.6145 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

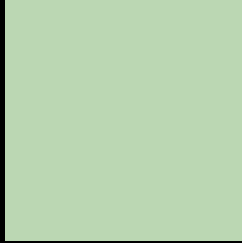
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.5240, -11.5973, -13.6145 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

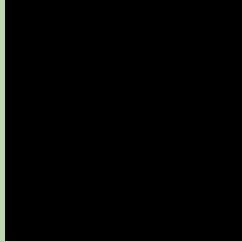
Any Text WCAG AA ✓ Pass

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 202.5240, -11.5973, -13.6145 Background



This preview shows how black text looks on a background with the YUV color 202.5240, -11.5973, -13.6145.



This preview shows how white text looks on a background with the YUV color 202.5240, -11.5973, -13.6145.

-13.6145.

# 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

202.5240, -11.5973, -13.6145

### Protanopia

206.0540, -15.3096, 10.4766

### Deuteranopia

207.8260, -12.7322, 23.8316



## Tritanopia

206.3390, 9.1999, -10.8213

# Trichromacy



## Original Color

202.5240, -11.5973, -13.6145

## Protanomaly

204.6400, -14.1195, 2.0697

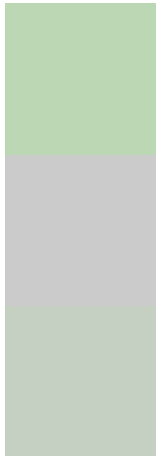
## Deuteranomaly

206.1510, -12.3994, 10.3916

## Tritanomaly

204.6780, 1.6377, -11.9956

# Monochromacy



## Original Color

202.5240, -11.5973, -13.6145

## Achromatopsia

203.0000, 0.0000, 0.0000

## Achromatomaly

202.5280, -4.2043, -4.8481

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.5240, -11.5973, -13.6145 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(187, 215, 179)` looks like.

```
.text, #text, p{  
    color:rgb(187, 215, 179)  
}
```

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(187, 215, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 215, 179) }
```

## Border

The CSS property to change the border of an element to YUV 202.5240, -11.5973, -13.6145 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(187, 215, 179) }
```



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

```
.border{ border-color:rgb(187, 215, 179) }
```

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

Here you see how a box with a 4 pixel rgb(187, 215, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 215, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 215, 179);  
box-shadow:4px 4px 4px 4px rgb(187, 215,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 202.5240, -11.5973, -13.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 215, 179) }
```

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

```
.background{ background-color: rgb(187,  
215, 179) }
```

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