

# Converting Colors

YUV(220.3200, -35.6538,  
2.3504)

Have a look what the booklet for  
YUV(220.3200, -35.6538, 2.3504)  
contains.

<b>YUV(220.3200, -35.6538, 2.3504)</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(220.3200, -35.6538,  
2.3504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE994
RGB	223, 233, 148
RGB Percent	87%, 91%, 58%
CMY	0.1255, 0.0863, 0.4196
CMYK	0.04, 0.00, 0.36, 0.09
HSL	67°, 66%, 75%
HSV	67°, 36%, 91%
XYZ	64.9156, 76.1039, 39.2851
YIQ	220.3200, 21.3250, -28.5550

# Conversions

## Conversions Part 2

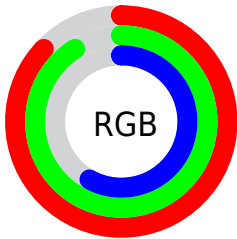
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 233, 158
Decimal	14674324
CIELab	89.91, -16.17, 40.22
CIELCh	90, 43.348, 111.906
Yxy	76.1039, 0.3600, 0.4221
Android (android.graphics.Color)	4292864404 (0xFFDFE994)
YUV	220.3200, -35.6538, 2.3504
Hunter-Lab	87.2376, -19.8395, 34.3666

# Details

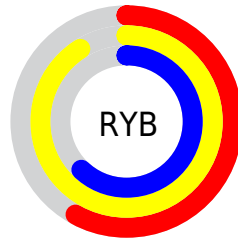
The YUV color  $220.3200, -35.6538, 2.3504$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $160.6800, 35.6538, -2.3504$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.0720, -22.7135, 5.1989$ , and  $164.7760, -33.9066, 1.9504$  is the 20% darker color. If you saturate the color by 10%, you get  $216.8010, -45.2579, 2.8055$ , and if you desaturate by 10%, it is  $223.8390, -26.0496, 1.8952$ .

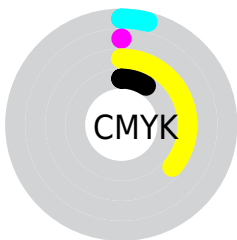
# Distribution



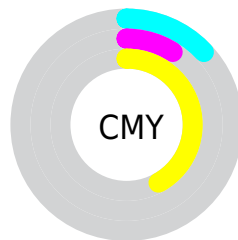
- Red (87%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.3200, -35.6538, 2.3504 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 220.3200, -35.6538, 2.3504 by changing the saturation by 10% instead.



■ 220.3200,  
-35.6538, 2.3504

■ 220.3200,  
-35.6538, 2.3504

■ 255.0000, 0.0000,  
0.0000

■ 192.5480,  
-34.7802, 2.1504

■ 249.0720,  
-22.7135, 5.1989

■ 164.7760,  
-33.9066, 1.9504

■ 252.2640,  
-10.4832, 2.3995

■ 138.2920,  
-33.1750, 0.6209

■ 112.4060,  
-32.7382, 0.5209

■ 87.1070, -32.5908,  
-0.0938

■ 63.1500, -31.1329,  
-1.0085

■ 42.7720, -21.0866,

-3.3080

■ 22.6710, -11.1768,  
-8.4815

■ 0.0000, 0.0000,  
0.0000

■ 220.3200,  
-35.6538, 2.3504

■ 220.3200,  
-35.6538, 2.3504

■ 216.8010,  
-45.2579, 2.8055

■ 223.8390,  
-26.0496, 1.8952

■ 213.4670,  
-55.4462, 3.9754

■ 227.1730,  
-15.8613, 0.7253

■ 209.9480,  
-65.0504, 4.4306

■ 230.6920, -6.2572,  
0.2701

■ 206.4290,  
-74.6545, 4.8858

■ 234.2110, 3.3470,  
-0.1850

■ 202.9100,  
-84.2586, 5.3409

■ 236.7040, 9.0199,  
0.2596

■ 199.5760,  
-94.4470, 6.5108

■ 237.3020, 8.7251,  
1.4891

■ 198.3650,  
-97.7939, 6.6959

■ 238.1990, 8.2829,  
3.3335

■ 239.0960, 7.8407,  
5.1778

■ 239.9930, 7.3985,  
7.0221

# Harmonies

## Analogous

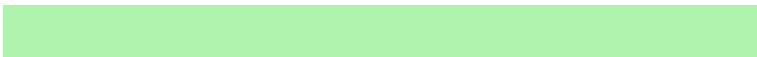
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.8010, -38.3559, 29.1155



220.3200, -35.6538, 2.3504



214.8020, -20.1154, -34.9064

# Triad

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



220.3200, -35.6538, 2.3504



197.7240, 28.2371, -97.1049



217.9560, 10.3747, 32.4876

# Complementary

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



220.3200, -35.6538, 2.3504



160.6800, 35.6538, -2.3504

# 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.



225.6500, 14.4696, 25.7400



220.3200, -35.6538, 2.3504



211.2780, 21.5549, -53.7408

# Square

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



220.3200, -35.6538, 2.3504



197.6690, 28.2642, -105.8267



222.4950, 16.0250, -6.5731



213.7550, -8.2602, 36.1719



# Rectangle

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



220.3200, -35.6538, 2.3504



209.8340, -5.3412, -60.3674



222.4950, 16.0250, -6.5731



221.3130, 15.6217, 29.5435

# Sweetspot

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



220.3200, -35.6538, 2.3504



250.9110, -11.7881, 0.9551



179.2850, -15.4235, 47.1081



125.4640, -7.1308, 0.4701



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.



220.3200, -35.6538, 2.3504



238.3450, -47.0051, 3.2054



207.7620, -29.4627, -23.4703



115.4470, -4.6574, 0.4850



154.0870, -75.9649, 5.1857



45.7510, -22.5552, 1.0954



# Inverse Universe

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



160.6800, 35.6538, -2.3504



159.6550, 47.0051, -3.2054



173.2380, 29.4627, 23.4703



107.5530, 4.6574, -0.4850



26.9130, 75.9649, -5.1857

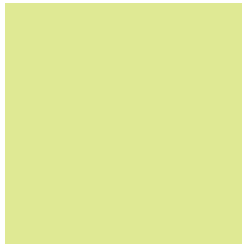


7.9500, 22.7026, -1.7102



# Previews

## White Background



This preview shows how the YUV color 220.3200, -35.6538, 2.3504 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 220.3200, -35.6538, 2.3504 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

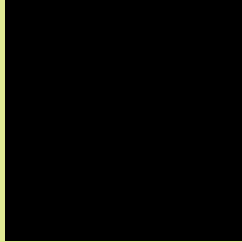
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

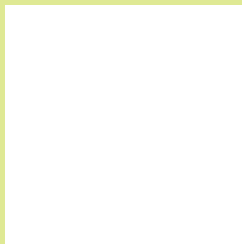
Any Text WCAG AAA ✓ Pass

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

# YUV 220.3200, -35.6538, 2.3504 Background



This preview shows how black text looks on a background with the YUV color 220.3200, -35.6538, 2.3504.



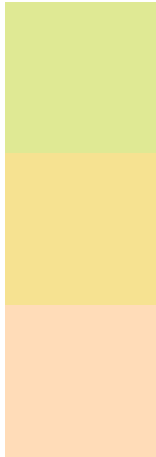
This preview shows how white text looks on a background with the YUV color 220.3200, -35.6538, 2.3504.



# 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

220.3200, -35.6538, 2.3504

### Protanopia

222.7460, -38.3288, 20.3938

### Deuteranopia

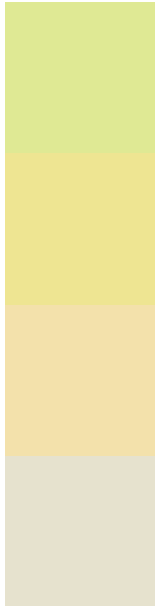
226.3610, -20.8840, 25.1164



## Tritanopia

227.5260, 5.6567, 5.6777

# Trichromacy



## Original Color

220.3200, -35.6538, 2.3504

## Protanomaly

222.2290, -37.5809, 13.8312

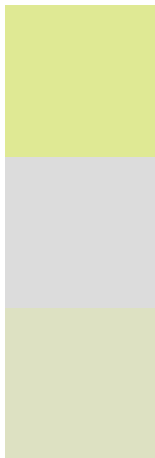
## Deuteranomaly

224.2260, -26.2404, 16.4648

## Tritanomaly

224.9160, -9.3256, 4.4587

# Monochromacy



## Original Color

220.3200, -35.6538, 2.3504

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

220.2700, -12.9511, 0.6402

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.3200, -35.6538, 2.3504 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(223, 233, 148)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 148)  
}
```

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(223, 233, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 148) }
```

## Border

The CSS property to change the border of an element to YUV 220.3200, -35.6538, 2.3504 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(223, 233, 148) }
```



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

```
.border{ border-color:rgb(223, 233, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 233, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 233, 148); box-shadow:4px 4px 4px 4px rgb(223, 233, 148) }
```

# Background

The CSS property to change the background color of an element to YUV 220.3200, -35.6538, 2.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 148) }
```

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

```
.background{ background-color: rgb(223,  
233, 148) }
```

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