

# Converting Colors

YUV(221.0020, -43.3850,  
8.7682)

Have a look what the booklet for  
YUV(221.0020, -43.3850, 8.7682)  
contains.

<b>YUV(221.0020, -43.3850, 8.7682)</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(221.0020, -43.3850,  
8.7682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7E985
RGB	231, 233, 133
RGB Percent	91%, 91%, 52%
CMY	0.0941, 0.0863, 0.4784
CMYK	0.01, 0.00, 0.43, 0.09
HSL	61°, 69%, 72%
HSV	61°, 43%, 91%
XYZ	66.3275, 76.9602, 33.5493
YIQ	221.0020, 30.9080, -31.5240

# Conversions

## Conversions Part 2

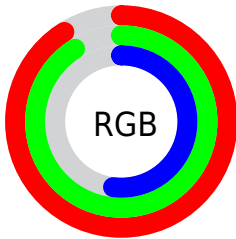
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 233, 135
Decimal	15198597
CIE Lab	90.30, -14.71, 48.20
CIE LCh	90, 50.392, 106.971
Yxy	76.9602, 0.3751, 0.4352
Android (android.graphics.Color)	4293388677 (0xFFE7E985)
YUV	221.0020, -43.3850, 8.7682
Hunter-Lab	87.7270, -18.5641, 38.7347

# Details

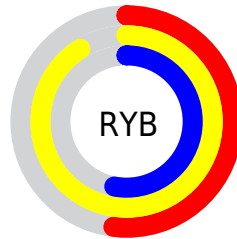
The YUV color  $221.0020, -43.3850, 8.7682$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $144.9980, 43.3850, -8.7682$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.3620, -29.2655, 6.6985$ , and  $165.1590, -41.4904, 7.7536$  is the 20% darker color. If you saturate the color by 10%, you get  $218.3800, -53.4313, 11.0677$ , and if you desaturate by 10%, it is  $223.6240, -33.3386, 6.4688$ .

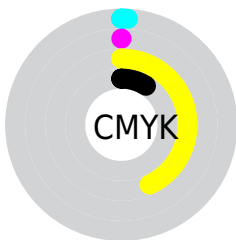
# Distribution



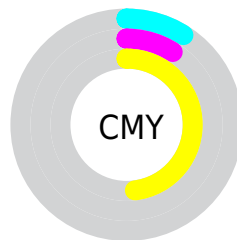
- Red (91%)
- Green (91%)
- Blue (52%)



- Red (52%)
- Yellow (91%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.0020, -43.3850, 8.7682 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 221.0020, -43.3850, 8.7682 by changing the saturation by 10% instead.



■ 221.0020,  
-43.3850, 8.7682

■ 221.0020,  
-43.3850, 8.7682

■ 255.0000, 0.0000,  
0.0000

■ 192.9310,  
-42.3640, 7.9535

■ 247.3620,  
-29.2655, 6.6985

■ 165.1590,  
-41.4904, 7.7536

■ 250.5540,  
-17.0351, 3.8991

■ 138.5610,  
-41.1956, 6.5240

■ 253.8600, -4.3680,  
0.9998

■ 112.1480,  
-41.4850, 6.0092

■ 86.5070, -42.6480,  
5.6944

■ 64.6450, -31.8700,  
2.0653

■ 44.2560, -21.8182,

-1.9785

■ 24.4540, -12.0558,  
-6.5372

■ 1.1740, -0.5788,  
-1.0296

■ 221.0020,  
-43.3850, 8.7682

■ 221.0020,  
-43.3850, 8.7682

■ 218.3800,  
-53.4313, 11.0677

■ 223.6240,  
-33.3386, 6.4688

■ 215.3450,  
-63.7671, 12.8524

■ 226.6590,  
-23.0029, 4.6841

■ 212.7230,  
-73.8134, 15.1519

■ 229.2810,  
-12.9565, 2.3846

■ 209.8020,  
-83.7124, 16.8366

■ 232.2020, -3.0576,  
0.6998

■ 207.0660,  
-94.1955, 19.2361

■ 234.9380, 7.4256,  
-1.6996

■ 204.9430,  
-101.0369, 20.2210

■ 235.8070, 9.4621,  
-1.5847

■ 236.1060, 9.3147,  
-0.9700

# Harmonies

## Analogous

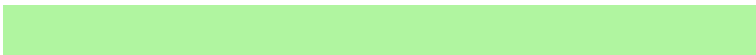
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.7860, -42.2925, 31.7597



221.0020, -43.3850, 8.7682



214.6790, -26.9567, -33.9215

# Triad

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



221.0020, -43.3850, 8.7682



175.2330, 39.3251, -153.6793



216.8620, 16.3370, 33.4470

# Complementary

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



221.0020, -43.3850, 8.7682



144.9980, 43.3850, -8.7682

# 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



221.0020, -43.3850, 8.7682



202.5630, 25.8514, -78.5468

# Square

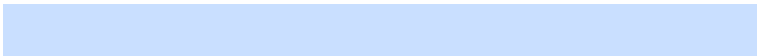
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.0020, -43.3850, 8.7682



177.4670, 37.7308, -155.6386



220.0700, 17.2205, -16.7244



210.6890, -4.7767, 38.8607



# Rectangle

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



221.0020, -43.3850, 8.7682



208.5470, -10.1297, -64.5007



220.0700, 17.2205, -16.7244



219.7800, 17.3635, 30.8879

# Sweetspot

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



221.0020, -43.3850, 8.7682



250.9390, -14.2669, 2.6845



164.0740, -15.3195, 60.4481



125.3070, -9.0254, 1.4848



0.0000, 0.0000, 0.0000

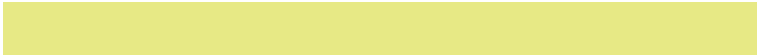


128.0000, 0.0000, 0.0000



# Same Dimension

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



221.0020, -43.3850, 8.7682



238.9410, -57.6519, 11.4527



206.0520, -36.0146, -21.9706



115.7460, -4.8048, 1.0998



159.1700, -78.4708, 15.6369



47.2460, -23.2923, 4.1693



# Inverse Universe

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



144.9980, 43.3850, -8.7682



138.0590, 57.6519, -11.4527



159.9480, 36.0146, 21.9706



107.2540, 4.8048, -1.0998



21.8300, 78.4708, -15.6369



6.4550, 23.4397, -4.7840



# Previews

## White Background



This preview shows how the YUV color 221.0020, -43.3850, 8.7682 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 221.0020, -43.3850, 8.7682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

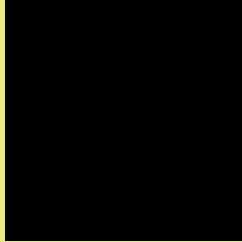
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 221.0020, -43.3850, 8.7682

## Background



This preview shows how black text looks on a background with the YUV color 221.0020, -43.3850, 8.7682.



This preview shows how white text looks on a background with the YUV color 221.0020, -43.3850, 8.7682.



# 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

221.0020, -43.3850, 8.7682

### Protanopia

222.6340, -45.1756, 23.1230

### Deuteranopia

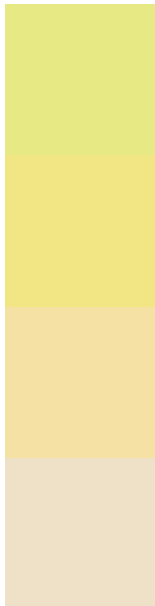
226.9480, -21.1734, 24.6016



## Tritanopia

229.5160, 4.1826, 11.8255

# Trichromacy



## Original Color

221.0020, -43.3850, 8.7682

## Protanomaly

221.8290, -44.2857, 17.6900

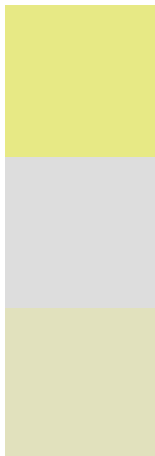
## Deuteranomaly

224.4390, -29.3034, 18.9090

## Tritanomaly

226.3360, -12.9836, 11.1063

# Monochromacy



## Original Color

221.0020, -43.3850, 8.7682

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

220.8960, -15.7247, 3.5992

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.0020, -43.3850, 8.7682 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(231, 233, 133)` looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 133)  
}
```

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(231, 233, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 133) }
```

## Border

The CSS property to change the border of an element to YUV 221.0020, -43.3850, 8.7682 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(231, 233, 133) }
```



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

```
.border{ border-color:rgb(231, 233, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 233, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 233, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 233, 133);  
box-shadow:4px 4px 4px 4px rgb(231, 233,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 221.0020, -43.3850, 8.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 133) }
```

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

```
.background{ background-color: rgb(231,  
233, 133) }
```

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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