

# Converting Colors

YUV(232.3620, -25.8145,  
19.8535)

Have a look what the booklet for  
YUV(232.3620, -25.8145, 19.8535)  
contains.

<b>YUV(232.3620, -25.8145, 19.8535)</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(232.3620, -25.8145,  
19.8535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE7B4
RGB	255, 231, 180
RGB Percent	100%, 91%, 71%
CMY	0.0000, 0.0941, 0.2941
CMYK	0.00, 0.09, 0.29, 0.00
HSL	41°, 100%, 85%
HSV	41°, 29%, 100%
XYZ	78.0541, 81.7071, 54.8372
YIQ	232.3620, 30.6750, -10.7730

# Conversions

## Conversions Part 2

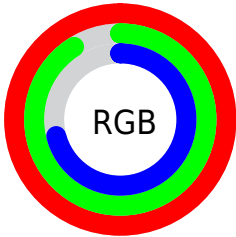
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 255, 180
Decimal	16770996
CIE <sub>Lab</sub>	92.45, 0.79, 27.85
CIE <sub>LCh</sub>	92, 27.862, 88.377
Yxy	81.7071, 0.3637, 0.3807
Android (android.graphics.Color)	4294961076 (0xFFFFE7B4)
YUV	232.3620, -25.8145, 19.8535
Hunter-Lab	90.3920, -4.0499, 27.3055

# Details

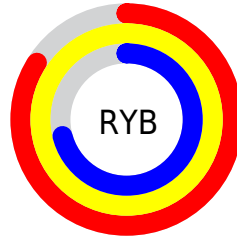
The YUV color  $232.3620, -25.8145, 19.8535$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $202.6380, 25.8145, -19.8535$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.8340, -8.2992, 1.8996$ , and  $176.6930, -24.4986, 17.8092$  is the 20% darker color. If you saturate the color by 10%, you get  $224.8160, -34.4193, 26.4714$ , and if you desaturate by 10%, it is  $240.0220, -16.7728, 13.1357$ .

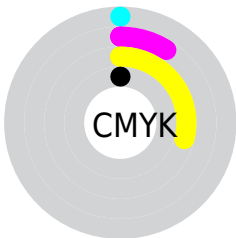
# Distribution



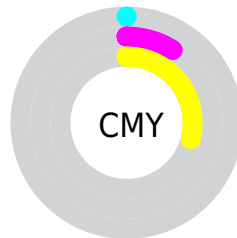
- Red (100%)
- Green (91%)
- Blue (71%)



- Red (84%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (9%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 232.3620, -25.8145, 19.8535 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 232.3620, -25.8145, 19.8535 by changing the saturation by 10% instead.




 232.3620,  
-25.8145, 19.8535


 232.3620,  
-25.8145, 19.8535


255.0000, 0.0000,  
0.0000


 204.1770,  
-25.2303, 19.1388


 252.8340, -8.2992,  
1.8996

 176.6930,  
-24.4986, 17.8092

 149.9210,  
-23.6251, 17.6093

 123.4370,  
-22.8934, 16.2798

 98.3660, -21.8724,  
15.4650

 74.4690, -21.4302,  
13.6207

 51.1700, -21.2828,

13.0059

■ 30.7550, -15.1622,  
9.8619

■ 9.1810, -4.5262,  
5.1033

■ 232.3620,  
-25.8145, 19.8535

■ 232.3620,  
-25.8145, 19.8535

■ 224.8160,  
-34.4193, 26.4714

■ 240.0220,  
-16.7728, 13.1357

■ 217.1560,  
-43.4609, 33.1892

■ 247.5680, -8.1680,  
6.5179

■ 209.6100,  
-52.0657, 39.8070

255.0000, 0.0000,  
0.0000

■ 201.3630,  
-60.8180, 47.0396

■ 193.8170,  
-69.4228, 53.6575

■ 186.1570,  
-78.4644, 60.3753

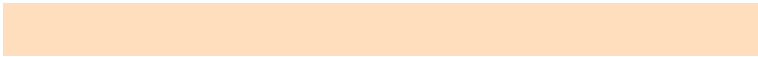
■ 178.6110,  
-87.0692, 66.9932

■ 177.7960,  
-87.6534, 67.7079

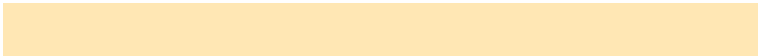
# Harmonies

## Analogous

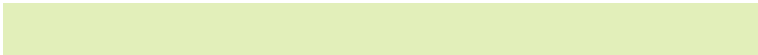
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.1050, -19.2788, 23.5869



232.3620, -25.8145, 19.8535



229.0710, -21.2340, -2.6933

# Triad

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



232.3620, -25.8145, 19.8535



221.8880, 16.3242, -56.0298



233.8680, 10.4181, 18.5328

# Complementary

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



232.3620, -25.8145, 19.8535



202.6380, 25.8145, -19.8535

# 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.



232.8830, 10.9037, 2.7336



232.3620, -25.8145, 19.8535



222.8290, 15.8603, -47.2080

# Square

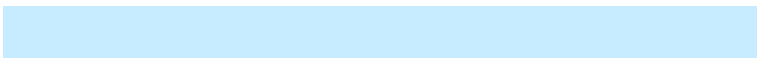
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.3620, -25.8145, 19.8535



223.0280, 3.9302, -47.3826



227.4020, 13.6058, -24.0316



228.7670, 3.5659, 23.0063

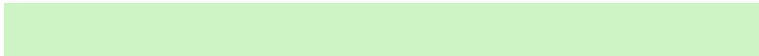


# Rectangle

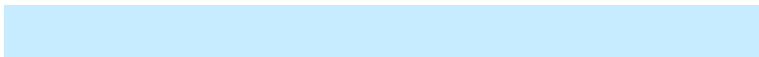
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.3620, -25.8145, 19.8535



227.2800, -14.9280, -18.6626



227.4020, 13.6058, -24.0316



235.0420, 9.8393, 17.5032

# Sweetspot

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



232.3620, -25.8145, 19.8535



248.2690, -8.0206, 5.9031



205.2750, -0.1356, 43.6088



123.3550, -5.1050, 4.0737



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

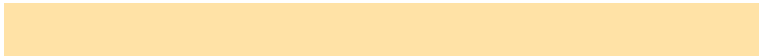


# Same Dimension

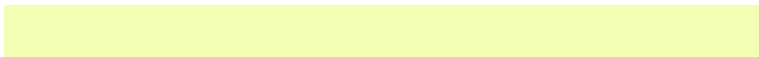
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.3620, -25.8145, 19.8535



227.8310, -30.4827, 23.8272



242.8620, -30.9910, 0.1210



123.5830, -4.2314, 3.8737



133.4190, -65.7756, 50.4985



44.3770, -21.8779, 17.2094



# Inverse Universe

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



202.6380, 25.8145, -19.8535



192.5820, 30.7721, -23.3124



192.1380, 30.9910, -0.1210



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946



# Previews

## White Background



This preview shows how the YUV color 232.3620, -25.8145, 19.8535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

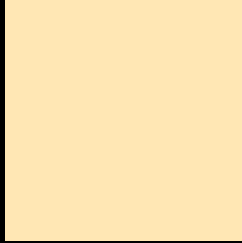
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.3620, -25.8145, 19.8535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

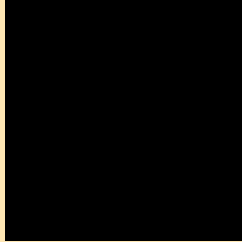
Any Text WCAG AA ✓ Pass

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 232.3620, -25.8145, 19.8535 Background



This preview shows how black text looks on a background with the YUV color 232.3620, -25.8145, 19.8535.



This preview shows how white text looks on a background with the YUV color 232.3620, -25.8145, 19.8535.



# 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

232.3620, -25.8145, 19.8535

### Protanopia

231.8560, -25.0720, 15.0353

### Deuteranopia

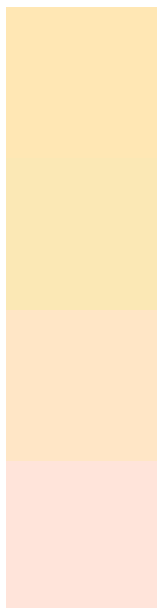
234.4940, -12.5685, 17.9838



## Tritanopia

236.1530, 1.4036, 16.5288

# Trichromacy



## Original Color

232.3620, -25.8145, 19.8535

## Protanomaly

231.8670, -25.0774, 16.7796

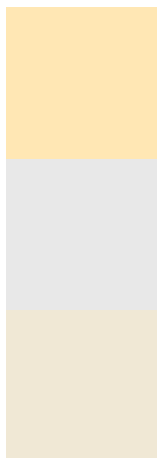
## Deuteranomaly

233.8270, -17.6627, 18.5687

## Tritanomaly

234.9330, -8.3480, 17.5988

# Monochromacy



## Original Color

232.3620, -25.8145, 19.8535

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

232.2260, -9.4784, 6.8178

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.3620, -25.8145, 19.8535 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(255, 231, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 180)  
}
```

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(255, 231, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 180) }
```

## Border

The CSS property to change the border of an element to YUV 232.3620, -25.8145, 19.8535 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(255, 231, 180) }
```



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

```
.border{ border-color:rgb(255, 231, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 232.3620, -25.8145, 19.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 180) }
```

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

```
.background{ background-color: rgb(255,  
231, 180) }
```

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