

# Converting Colors

YUV(193.6390, -2.2870,  
33.6426)

Have a look what the booklet for  
YUV(193.6390, -2.2870, 33.6426)  
contains.

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# Color

**YUV(193.6390, -2.2870,  
33.6426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8AFBD
RGB	232, 175, 189
RGB Percent	91%, 69%, 74%
CMY	0.0902, 0.3137, 0.2588
CMYK	0.00, 0.25, 0.19, 0.09
HSL	345°, 55%, 80%
HSV	345°, 25%, 91%
XYZ	57.7940, 51.4899, 55.0366
YIQ	193.6390, 29.4780, 16.4380

# Conversions

## Conversions Part 2

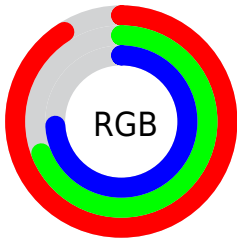
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 175, 189
Decimal	15249341
CIE Lab	76.97, 22.84, 0.98
CIE LCh	77, 22.863, 2.469
Yxy	51.4899, 0.3517, 0.3134
Android (android.graphics.Color)	4293439421 (0xFFE8AFBD)
YUV	193.6390, -2.2870, 33.6426
Hunter-Lab	71.7564, 18.1935, 4.7546

# Details

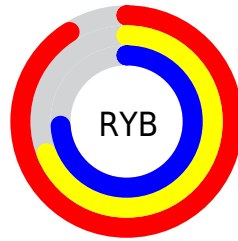
The YUV color  $193.6390, -2.2870, 33.6426$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $213.3610, 2.2870, -33.6426$ , and the grayscale version is  $194.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $239.7720, 2.5774, 13.3550$ , and  $139.7420, -1.8448, 31.7983$  is the 20% darker color. If you saturate the color by 10%, you get  $178.0860, -3.4934, 47.2826$ , and if you desaturate by 10%, it is  $209.1920, -1.0807, 20.0026$ .

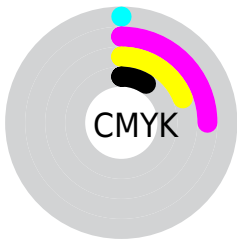
# Distribution



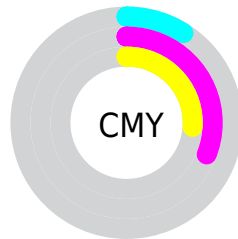
- Red (91%)
- Green (69%)
- Blue (74%)



- Red (91%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (9%)




- Cyan (9%)
- Magenta (31%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 193.6390, -2.2870, 33.6426 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 193.6390, -2.2870, 33.6426 by changing the saturation by 10% instead.



 193.6390, -2.2870,  
33.6426


 193.6390, -2.2870,  
33.6426


255.0000, 0.0000,  
0.0000


 166.0410, -1.9922,  
32.4130


 239.7720, 2.5774,  
13.3550

 139.7420, -1.8448,  
31.7983

 113.7310, -1.8394,  
30.0539

 89.1330, -1.5446,  
28.8244

 64.6490, -0.8130,  
27.4948

 41.7520, -0.3707,  
25.6505

 19.3820, 0.7977,

24.2210

■ 6.2790, -3.0955,  
12.9103

■ 0.0000, 0.0000,  
0.0000

■ 193.6390, -2.2870,  
33.6426

■ 193.6390, -2.2870,  
33.6426

■ 178.0860, -3.4934,  
47.2826

■ 209.1920, -1.0807,  
20.0026

■ 162.6470, -4.2630,  
60.8226

■ 224.6310, -0.3111,  
6.4626

■ 146.5070, -5.1800,  
74.9774

■ 240.7710, 0.6059,  
-7.6922

■ 131.0680, -5.9495,  
88.5174

■ 248.1230, 3.3904,  
-14.1399

■ 115.5150, -7.1559,  
102.1573

■ 100.0760, -7.9255,  
115.6973

■ 84.5230, -9.1318,  
129.3373

■ 75.8660, -9.3009,  
136.9295

# Harmonies

## Analogous

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



193.9070, 7.9338, 22.0066



193.6390, -2.2870, 33.6426



192.7180, -12.1860, 35.3273

# Triad

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



193.6390, -2.2870, 33.6426



186.7270, -16.1344, -5.0226



184.2740, 21.0639, -36.1973

# Complementary

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



193.6390, -2.2870, 33.6426



213.3610, 2.2870, -33.6426

# 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.



181.3240, 15.1233, -44.1341



193.6390, -2.2870, 33.6426



183.7230, -6.7654, -23.4361

# Square

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



193.6390, -2.2870, 33.6426



188.8110, -20.1198, 13.3208



181.6100, 4.6293, -38.2460



188.7970, 21.2991, -18.2390



# Rectangle

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



193.6390, -2.2870, 33.6426



191.4310, -16.9745, 31.1940



181.6100, 4.6293, -38.2460



183.1980, 19.6224, -40.5156

# Sweetspot

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



193.6390, -2.2870, 33.6426



242.9520, -0.4693, 10.5661



194.3550, 18.5590, 20.7367



120.6310, -0.3111, 6.4626



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.



193.6390, -2.2870, 33.6426



205.1780, -3.0458, 43.6939



200.2610, -12.4537, 27.8351



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.7310, -1.8394, 30.0539



# Inverse Universe

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



193.6390, -2.2870, 33.6426



205.1780, -3.0458, 43.6939



206.7390, 12.4537, -27.8351



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.7310, -1.8394, 30.0539



# Previews

## White Background



This preview shows how the YUV color 193.6390, -2.2870, 33.6426 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

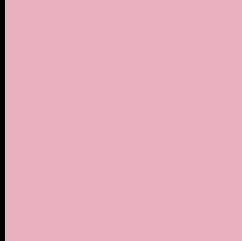
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.6390, -2.2870, 33.6426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

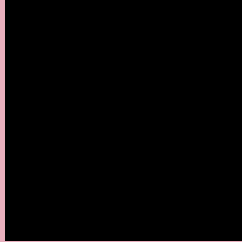
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 193.6390, -2.2870, 33.6426

## Background



This preview shows how black text looks on a background with the YUV color 193.6390, -2.2870, 33.6426.



This preview shows how white text looks on a background with the YUV color 193.6390, -2.2870,

33.6426.

# 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

193.6390, -2.2870, 33.6426

### Protanopia

190.8090, 3.0522, 1.0445

### Deuteranopia

192.1160, -2.5222, 15.6843



## Tritanopia

193.6390, -2.2870, 33.6426

# Trichromacy



## Original Color

193.6390, -2.2870, 33.6426

## Protanomaly

192.0170, 0.9776, 13.1401

## Deuteranomaly

192.8610, -2.3965, 22.0469

## Tritanomaly

193.6390, -2.2870, 33.6426

# Monochromacy



## Original Color

193.6390, -2.2870, 33.6426

## Achromatopsia

194.0000, 0.0000, 0.0000

## Achromatomaly

193.8490, -0.9116, 12.4104

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.6390, -2.2870, 33.6426 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(232, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(232, 175, 189)  
}
```

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(232, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 175, 189) }
```

## Border

The CSS property to change the border of an element to YUV 193.6390, -2.2870, 33.6426 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(232, 175, 189) }
```



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

```
.border{ border-color:rgb(232, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(232, 175,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 193.6390, -2.2870, 33.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 175, 189) }
```

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

```
.background{ background-color: rgb(232,  
175, 189) }
```

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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