

# Converting Colors

YUV(203.4900, 3.7024, 25.8803)

Have a look what the booklet for  
YUV(203.4900, 3.7024, 25.8803)  
contains.

<b>YUV(203.4900, 3.7024, 25.8803)</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(203.4900, 3.7024,  
25.8803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9BBD3
RGB	233, 187, 211
RGB Percent	91%, 73%, 83%
CMY	0.0863, 0.2667, 0.1725
CMYK	0.00, 0.20, 0.09, 0.09
HSL	329°, 51%, 82%
HSV	329°, 20%, 91%
XYZ	63.1325, 57.5674, 69.4122
YIQ	203.4900, 19.7120, 17.2160

# Conversions

## Conversions Part 2

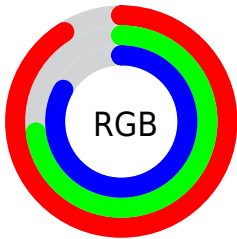
Format	Color
R <sub>Y</sub> B	233, 187, 211
Decimal	15317971
CIE Lab	80.50, 20.32, -5.75
CIE LCh	80, 21.117, 344.187
Yxy	57.5674, 0.3321, 0.3028
Android (android.graphics.Color)	4293508051 (0xFFE9BBD3)
YUV	203.4900, 3.7024, 25.8803
Hunter-Lab	75.8732, 15.7479, -1.1299

# Details

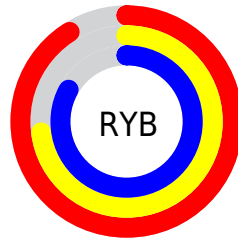
The YUV color  $203.4900, 3.7024, 25.8803$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $216.5100, -3.7024, -25.8803$ , and the grayscale version is  $203.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.9560, 3.4727, 6.1776$ , and  $149.4790, 3.7079, 24.1359$  is the 20% darker color. If you saturate the color by 10%, you get  $188.7350, 5.5536, 38.8204$ , and if you desaturate by 10%, it is  $218.2450, 1.8512, 12.9401$ .

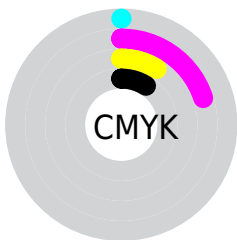
# Distribution



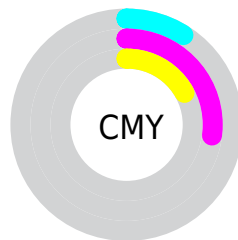
- Red (91%)
- Green (73%)
- Blue (83%)



- Red (91%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 203.4900, 3.7024, 25.8803 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 203.4900, 3.7024, 25.8803 by changing the saturation by 10% instead.



 203.4900, 3.7024,  
25.8803


 203.4900, 3.7024,  
25.8803

255.0000, 0.0000,  
0.0000

 176.0770, 3.4130,  
25.3655

 247.9560, 3.4727,  
6.1776

 149.4790, 3.7079,  
24.1359

 123.0660, 3.4185,  
23.6211

 98.3540, 3.2765,  
22.4915

 73.7560, 3.5713,  
21.2620

 51.0440, 3.4293,  
20.1324

 28.5600, 4.1609,

18.8029

■ 11.3920, 2.2717,  
18.0732

■ 0.0000, 0.0000,  
0.0000

■ 203.4900, 3.7024,  
25.8803

■ 203.4900, 3.7024,  
25.8803

■ 188.7350, 5.5536,  
38.8204

■ 218.2450, 1.8512,  
12.9401

■ 173.3930, 7.6943,  
52.2753

■ 233.5870, -0.2894,  
-0.5148

■ 158.6380, 9.5455,  
65.2155

■ 247.1680, -1.5618,  
-12.4253

■ 143.7690, 10.9599,  
78.2556

■ 248.4220, 3.2430,  
-13.5251

■ 128.4270, 13.1005,  
91.7105

■ 113.6720, 14.9517,  
104.6507

■ 98.9170, 16.8029,  
117.5908

■ 84.1620, 18.6541,  
130.5309

■ 83.5750, 18.9435,  
131.0457

# Harmonies

## Analogous

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



202.9810, 12.3344, 10.5407



203.4900, 3.7024, 25.8803



203.0150, -5.9234, 33.3128

# Triad

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



203.4900, 3.7024, 25.8803



197.6360, -18.0615, 6.4582



192.9980, 16.2700, -38.5862

# Complementary

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



203.4900, 3.7024, 25.8803



216.5100, -3.7024, -25.8803

# 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.



191.9350, 8.4130, -38.5310



203.4900, 3.7024, 25.8803



195.7200, -12.1870, -11.1554

# Square

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



203.4900, 3.7024, 25.8803



200.2080, -18.8365, 21.7426



193.1400, -2.5340, -27.3098



196.6880, 19.8738, -27.7904



# Rectangle

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



203.4900, 3.7024, 25.8803



202.4080, -12.0331, 32.9682



193.1400, -2.5340, -27.3098



192.4170, 14.0914, -39.8307

# Sweetspot

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



203.4900, 3.7024, 25.8803



245.3970, 1.2833, 8.4218



198.5230, 16.9972, 8.3113



122.1470, 0.4205, 5.1331



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.



203.4900, 3.7024, 25.8803



215.8870, 4.9857, 34.3021



200.9820, -5.9071, 28.0798



109.9730, 0.9993, 6.1627



64.8350, 14.3783, 101.8767



19.3380, 4.2704, 30.3986



# Inverse Universe

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



203.4900, 3.7024, 25.8803



215.8870, 4.9857, 34.3021



219.0180, 5.9071, -28.0798



109.9730, 0.9993, 6.1627



64.8350, 14.3783, 101.8767



19.3380, 4.2704, 30.3986



# Previews

## White Background



This preview shows how the YUV color 203.4900, 3.7024, 25.8803 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

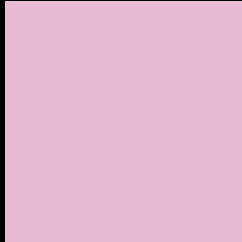
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 203.4900, 3.7024, 25.8803 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

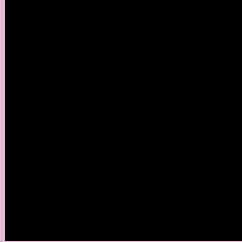
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 203.4900, 3.7024, 25.8803

## Background



This preview shows how black text looks on a background with the YUV color 203.4900, 3.7024, 25.8803.



This preview shows how white text looks on a background with the YUV color 203.4900, 3.7024,



# 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

203.4900, 3.7024, 25.8803

### Protanopia

200.8670, 8.4466, -2.5144

### Deuteranopia

202.1030, 3.8932, 11.3107



## Tritanopia

202.8660, 0.0661, 25.5505

# Trichromacy



## Original Color

203.4900, 3.7024, 25.8803

## Protanomaly

202.0640, 6.3774, 7.8369

## Deuteranomaly

202.4350, 3.7295, 17.1585

## Tritanomaly

203.2080, 1.3765, 25.2506

# Monochromacy



## Original Color

203.4900, 3.7024, 25.8803

## Achromatopsia

203.0000, 0.0000, 0.0000

## Achromatomaly

203.1090, 1.4253, 9.5514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 203.4900, 3.7024, 25.8803 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(233, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(233, 187, 211)  
}
```

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(233, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 187, 211) }
```

## Border

The CSS property to change the border of an element to YUV 203.4900, 3.7024, 25.8803 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(233, 187, 211) }
```



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

```
.border{ border-color:rgb(233, 187, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(233, 187,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 203.4900, 3.7024, 25.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 187, 211) }
```

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

```
.background{ background-color: rgb(233,  
187, 211) }
```

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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