

# Converting Colors

YUV(203.2990, 6.7546, 26.9248)

Have a look what the booklet for  
YUV(203.2990, 6.7546, 26.9248)  
contains.

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# Color

**YUV(203.2990, 6.7546,  
26.9248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAB9D9
RGB	234, 185, 217
RGB Percent	92%, 73%, 85%
CMY	0.0824, 0.2745, 0.1490
CMYK	0.00, 0.21, 0.07, 0.08
HSL	321°, 54%, 82%
HSV	321°, 21%, 92%
XYZ	63.8050, 57.2001, 73.3235
YIQ	203.2990, 18.9320, 20.3400

# Conversions

## Conversions Part 2

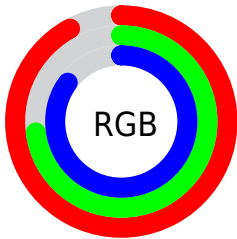
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 185, 217
Decimal	15383001
CIE <sub>Lab</sub>	80.29, 22.75, -9.28
CIE <sub>LCh</sub>	80, 24.569, 337.801
Yxy	57.2001, 0.3283, 0.2943
Android (android.graphics.Color)	4293573081 (0xFFEAB9D9)
YUV	203.2990, 6.7546, 26.9248
Hunter-Lab	75.6307, 18.2357, -4.5397

# Details

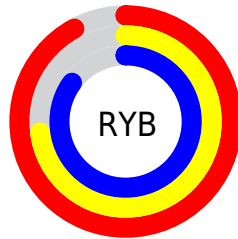
The YUV color  $203.2990, 6.7546, 26.9248$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $215.7010, -6.7546, -26.9248$ , and the grayscale version is  $203.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $246.7820, 4.0515, 7.2072$ , and  $149.1740, 6.3232, 25.2804$  is the 20% darker color. If you saturate the color by 10%, you get  $188.8860, 9.9162, 39.5650$ , and if you desaturate by 10%, it is  $217.7120, 3.5930, 14.2846$ .

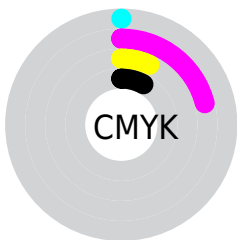
# Distribution



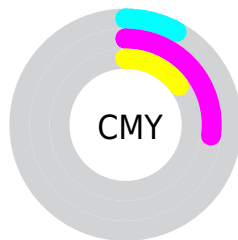
- Red (92%)
- Green (73%)
- Blue (85%)



- Red (92%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 203.2990, 6.7546, 26.9248 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 203.2990, 6.7546, 26.9248 by changing the saturation by 10% instead.





 203.2990, 6.7546,  
26.9248

 203.2990, 6.7546,  
26.9248

255.0000, 0.0000,  
0.0000


 175.8860, 6.4652,  
26.4100


 246.7820, 4.0515,  
7.2072

 149.1740, 6.3232,  
25.2804

 122.8750, 6.4706,  
24.6656

 97.8640, 6.4760,  
22.9213

 73.4510, 6.1867,  
22.4065

 50.1520, 6.3341,  
21.7917

 27.5540, 6.6289,

20.5621

■ 12.2610, 4.3083,  
18.1881

■ 0.0000, 0.0000,  
0.0000

■ 203.2990, 6.7546,  
26.9248

■ 203.2990, 6.7546,  
26.9248

■ 188.8860, 9.9162,  
39.5650

■ 217.7120, 3.5930,  
14.2846

■ 173.8860, 13.3672,  
52.7200

■ 232.7120, 0.1420,  
1.1296

■ 159.4730, 16.5288,  
65.3602

■ 247.1250, -3.0196,  
-11.5106

■ 144.4730, 19.9798,  
78.5152

■ 248.0370, 0.4748,  
-12.3104

■ 129.9460, 22.7046,  
91.2554

■ 248.7210, 3.0955,  
-12.9103

■ 115.5330, 25.8662,  
103.8956

■ 100.5330, 29.3172,  
117.0506

■ 87.4080, 32.3369,  
128.5612

# Harmonies

## Analogous

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



201.9960, 16.2710, 7.8965



203.2990, 6.7546, 26.9248



203.0910, -4.4819, 37.6312

# Triad

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



203.2990, 6.7546, 26.9248



197.7460, -21.5668, 10.7468



189.9860, 17.7549, -48.2227

# Complementary

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



203.2990, 6.7546, 26.9248



215.7010, -6.7546, -26.9248

# 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.



189.6740, 7.5557, -43.5641



203.2990, 6.7546, 26.9248



194.7050, -16.1236, -8.5113

# Square

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



203.2990, 6.7546, 26.9248



199.9700, -21.1842, 28.0903



192.0320, -5.4388, -28.9691



193.5450, 23.3953, -37.3120



# Rectangle

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



203.2990, 6.7546, 26.9248



201.9680, -11.3232, 38.6161



192.0320, -5.4388, -28.9691



189.8890, 14.8447, -48.1377

# Sweetspot

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



203.2990, 6.7546, 26.9248



245.6250, 2.1569, 8.2219



195.3700, 19.0446, 4.9375



122.2610, 0.8573, 5.0331



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.



203.2990, 6.7546, 26.9248



214.9240, 8.9115, 35.1467



200.5630, -3.7286, 29.3242



110.0870, 1.4361, 6.0627



67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987



# Inverse Universe

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



203.2990, 6.7546, 26.9248



214.9240, 8.9115, 35.1467



218.4370, 3.7286, -29.3242



110.0870, 1.4361, 6.0627



67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987



# Previews

## White Background



This preview shows how the YUV color 203.2990, 6.7546, 26.9248 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

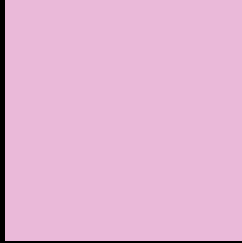
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 203.2990, 6.7546, 26.9248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

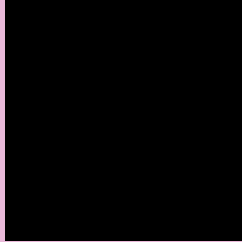
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 203.2990, 6.7546, 26.9248

## Background



This preview shows how black text looks on a background with the YUV color 203.2990, 6.7546, 26.9248.



This preview shows how white text looks on a background with the YUV color 203.2990, 6.7546,



# 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

203.2990, 6.7546, 26.9248

### Protanopia

200.1810, 12.2358, -4.5437

### Deuteranopia

201.7760, 6.5194, 8.9664



## Tritanopia

202.7520, -0.3707, 25.6505

# Trichromacy



## Original Color

203.2990, 6.7546, 26.9248

## Protanomaly

201.0900, 10.3086, 6.9371

## Deuteranomaly

202.5210, 6.6451, 15.3291

## Tritanomaly

203.0340, 1.9552, 26.2802

# Monochromacy



## Original Color

203.2990, 6.7546, 26.9248

## Achromatopsia

203.0000, 0.0000, 0.0000

## Achromatomaly

202.7500, 2.5883, 9.8663

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 203.2990, 6.7546, 26.9248 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(234, 185, 217)` looks like.

```
.text, #text, p{  
    color:rgb(234, 185, 217)  
}
```

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(234, 185, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 185, 217) }
```

## Border

The CSS property to change the border of an element to YUV 203.2990, 6.7546, 26.9248 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(234, 185, 217) }
```



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

```
.border{ border-color:rgb(234, 185, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 185, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 185, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 185, 217);  
box-shadow:4px 4px 4px 4px rgb(234, 185,  
217) }
```

# Background

The CSS property to change the background color of an element to YUV 203.2990, 6.7546, 26.9248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 185, 217) }
```

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

```
.background{ background-color: rgb(234,  
185, 217) }
```

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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