

Converting Colors

YUV(195.9300, 6.4435, 33.3874)

Have a look what the booklet for
YUV(195.9300, 6.4435, 33.3874)
contains.

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Color

**YUV(195.9300, 6.4435,
33.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAED1
RGB	234, 174, 209
RGB Percent	92%, 68%, 82%
CMY	0.0824, 0.3176, 0.1804
CMYK	0.00, 0.26, 0.11, 0.08
HSL	325°, 59%, 80%
HSV	325°, 26%, 92%
XYZ	60.5764, 52.3680, 67.2369
YIQ	195.9300, 24.5250, 23.6050

Conversions

Conversions Part 2

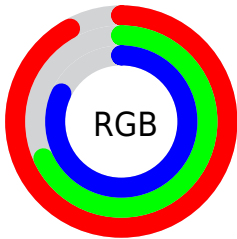
Format	Color
RYB	234, 174, 209
Decimal	15380177
CIELab	77.50, 27.27, -9.10
CIELCh	78, 28.748, 341.536
Yxy	52.3680, 0.3362, 0.2906
Android (android.graphics.Color)	4293570257 (0xFFEAAED1)
YUV	195.9300, 6.4435, 33.3874
Hunter-Lab	72.3657, 22.7799, -4.4319

Details

The YUV color **195.9300, 6.4435, 33.3874** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **212.0700, -6.4435, -33.3874**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **141.9190, 6.4489, 31.6430** is the 20% darker color. If you saturate the color by 10%, you get **181.2890, 8.7315, 46.2275**, and if you desaturate by 10%, it is **210.5710, 4.1555, 20.5472**.

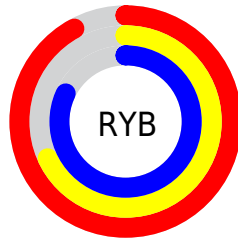
Distribution



Red (92%)

Green (68%)

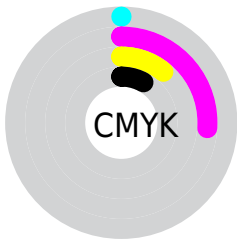
Blue (82%)



Red (92%)

Yellow (68%)

Blue (82%)

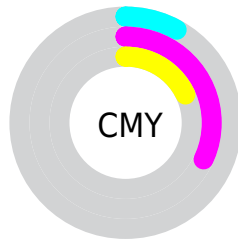


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9300, 6.4435, 33.3874 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 195.9300, 6.4435, 33.3874 by changing the saturation by 10% instead.


 195.9300, 6.4435,
33.3874


 195.9300, 6.4435,
33.3874


255.0000, 0.0000,
0.0000


 168.2180, 6.3015,
32.2578


 240.3250, 7.2348,
12.8700

 141.9190, 6.4489,
31.6430

 115.9080, 6.4544,
29.8987

 90.4950, 6.1650,
29.3839

 66.4840, 6.1704,
27.6395

 43.0000, 6.9020,
26.3100

 20.1140, 7.3388,

26.2100

■ 9.7400, 1.1142,
16.0140

■ 0.0000, 0.0000,
0.0000

■ 195.9300, 6.4435,
33.3874

■ 195.9300, 6.4435,
33.3874

■ 181.2890, 8.7315,
46.2275

■ 210.5710, 4.1555,
20.5472

■ 166.0610, 11.3089,
59.5825

■ 225.6850, 1.1413,
7.2923

■ 151.5340, 14.0337,
72.3227

■ 240.3260, -1.1467,
-5.5479

■ 136.3060, 16.6111,
85.6776

■ 247.9230, 0.0380,
-12.2105

■ 121.6650, 18.8992,
98.5178

■ 248.7210, 3.0955,
-12.9103

■ 107.0240, 21.1872,
111.3580

■ 91.9100, 24.2014,
124.6129

■ 85.4700, 24.9113,
130.2608

Harmonies

Analogous

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



194.7730, 17.8599, 11.6001



195.9300, 6.4435, 33.3874



194.9670, -6.3927, 43.8789

Triad

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



195.9300, 6.4435, 33.3874



188.9370, -24.6189, 9.7023



179.2990, 23.0236, -58.1442

Complementary

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



195.9300, 6.4435, 33.3874



212.0700, -6.4435, -33.3874

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.



178.8190, 10.9352, -54.2153



195.9300, 6.4435, 33.3874



185.7430, -17.1283, -12.9296

Square

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



195.9300, 6.4435, 33.3874



191.7700, -24.5366, 30.0197



182.0310, -3.9593, -36.8612



184.9510, 27.6322, -42.9300

Rectangle

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



195.9300, 6.4435, 33.3874



193.9040, -14.2497, 43.9342



182.0310, -3.9593, -36.8612



178.3760, 19.5346, -59.0888

Sweetspot

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



195.9300, 6.4435, 33.3874



242.3480, 2.2934, 11.0958



188.3150, 22.5227, 9.3707



119.6850, 1.1413, 7.2923



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.



195.9300, 6.4435, 33.3874



204.8650, 8.4476, 43.9684



192.5100, -6.6604, 36.3867



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Inverse Universe

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



195.9300, 6.4435, 33.3874



204.8650, 8.4476, 43.9684



215.4900, 6.6604, -36.3867



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 195.9300, 6.4435, 33.3874 looks on a white background.

Color Contrast Check

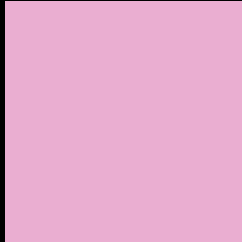
Large Text (above 18pt) WCAG AA × Fail

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 195.9300, 6.4435, 33.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

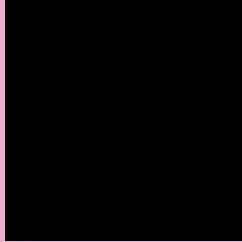
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.9300, 6.4435, 33.3874

Background



This preview shows how black text looks on a background with the YUV color 195.9300, 6.4435, 33.3874.



This preview shows how white text looks on a background with the YUV color 195.9300, 6.4435,

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

195.9300, 6.4435, 33.3874

Protanopia

192.4090, 13.1094, -4.7437

Deuteranopia

193.7760, 6.5194, 8.9664



Tritanopia

195.0410, -1.9922, 32.4130

Trichromacy



Original Color

195.9300, 6.4435, 33.3874

Protanomaly

193.5140, 10.5926, 9.1962

Deuteranomaly

194.8310, 6.4923, 17.6882

Tritanomaly

195.5510, 1.2074, 32.8428

Monochromacy



Original Color

195.9300, 6.4435, 33.3874

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0600, 2.4354, 12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9300, 6.4435, 33.3874 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, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 209)  
}
```

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, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 209) }
```

Border

The CSS property to change the border of an element to YUV 195.9300, 6.4435, 33.3874 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, 174, 209) }
```


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

```
.border{ border-color:rgb(234, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 195.9300, 6.4435, 33.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 209) }
```

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

```
.background{ background-color: rgb(234,  
174, 209) }
```

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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