

Converting Colors

YUV(198.7500, 9.4903, 36.1763)

Have a look what the booklet for
YUV(198.7500, 9.4903, 36.1763)
contains.

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Color

**YUV(198.7500, 9.4903,
36.1763)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AEDA
RGB	240, 174, 218
RGB Percent	94%, 68%, 85%
CMY	0.0588, 0.3176, 0.1451
CMYK	0.00, 0.27, 0.09, 0.06
HSL	320°, 69%, 81%
HSV	320°, 27%, 94%
XYZ	63.7261, 53.8593, 73.3668
YIQ	198.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

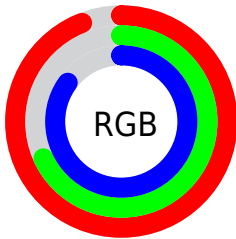
Format	Color
R _Y B	240, 174, 218
Decimal	15773402
CIE Lab	78.38, 30.81, -12.61
CIE LCh	78, 33.293, 337.734
Yxy	53.8593, 0.3337, 0.2821
Android (android.graphics.Color)	4293963482 (0xFFFF0AEDA)
YUV	198.7500, 9.4903, 36.1763
Hunter-Lab	73.3889, 26.5671, -7.8999

Details

The YUV color **198.7500, 9.4903, 36.1763** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **215.2500, -9.4902, -36.1763**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **144.3260, 9.2063, 33.9171** is the 20% darker color. If you saturate the color by 10%, you get **183.7500, 12.9413, 49.3312**, and if you desaturate by 10%, it is **213.7500, 6.0393, 23.0212**.

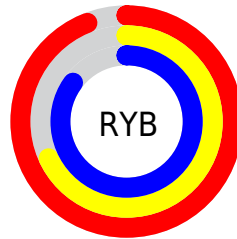
Distribution



Red (94%)

Green (68%)

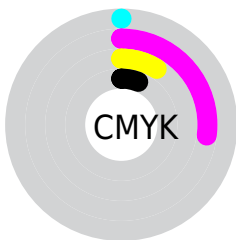
Blue (85%)



Red (94%)

Yellow (68%)

Blue (85%)

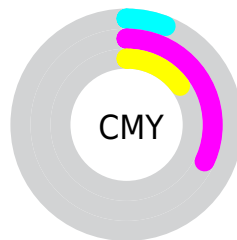


Cyan (0%)

Magenta (27%)

Yellow (9%)

Black (6%)



Cyan (6%)

Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.7500, 9.4903, 36.1763 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 198.7500, 9.4903, 36.1763 by changing the saturation by 10% instead.


 198.7500, 9.4903,
36.1763

 198.7500, 9.4903,
36.1763


255.0000, 0.0000,
0.0000

 171.0380, 9.3483,
35.0467


 240.3250, 7.2348,
12.8700

 144.3260, 9.2063,
33.9171

 118.0270, 9.3537,
33.3023

 92.9020, 8.9223,
31.6579

 68.3040, 9.2171,
30.4284

 44.1190, 9.8013,
29.7136

 20.8200, 9.9487,

29.0989

■ 12.2610, 4.3083,
18.1881

■ 0.0000, 0.0000,
0.0000

■ 198.7500, 9.4903,
36.1763

■ 198.7500, 9.4903,
36.1763

■ 183.7500, 12.9413,
49.3312

■ 213.7500, 6.0393,
23.0212

■ 168.7500, 16.3923,
62.4863

■ 228.7500, 2.5882,
9.8663

■ 153.7500, 19.8433,
75.6412

■ 243.7500, -0.8627,
-3.2887

■ 138.7500, 23.2942,
88.7963

■ 249.9450, 0.0271,
-8.7218

■ 123.7500, 26.7453,
101.9513

■ 250.5150, 2.2111,
-9.2217

■ 108.7500, 30.1963,
115.1063

■ 93.7500, 33.6472,
128.2612

■ 90.0000, 34.5100,
131.5500

Harmonies

Analogous

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



197.6140, 22.3753, 9.9855



198.7500, 9.4903, 36.1763



197.9400, -5.3934, 50.0416

Triad

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



198.7500, 9.4903, 36.1763



191.7050, -29.4346, 14.2907



177.1230, 26.5614, -72.8989

Complementary

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



198.7500, 9.4903, 36.1763



215.2500, -9.4902, -36.1763

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.



178.1660, 11.2572, -64.1666



198.7500, 9.4903, 36.1763



187.6030, -21.4963, -11.9298

Square

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



198.7500, 9.4903, 36.1763



193.8910, -28.0473, 36.0526



183.2110, -7.0060, -39.6500



183.5410, 32.7643, -55.7255

Rectangle

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



198.7500, 9.4903, 36.1763



196.8340, -14.7082, 51.0116



183.2110, -7.0060, -39.6500



176.6840, 22.3408, -72.5139

Sweetspot

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



198.7500, 9.4903, 36.1763



242.4620, 2.7302, 10.9958



188.1020, 25.5857, 6.9265



119.7990, 1.5781, 7.1923



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.



198.7500, 9.4903, 36.1763



202.5000, 12.0785, 46.0425



194.9880, -4.9241, 39.4755



112.5000, 1.7255, 6.5775



68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Inverse Universe

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



198.7500, 9.4903, 36.1763



202.5000, 12.0785, 46.0425



219.0120, 4.9241, -39.4755



112.5000, 1.7255, 6.5775



68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 198.7500, 9.4903, 36.1763 looks on a white background.

Color Contrast Check

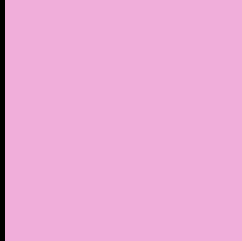
Large Text (above 18pt) WCAG AA × Fail

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 198.7500, 9.4903, 36.1763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

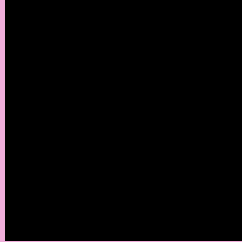
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.7500, 9.4903, 36.1763

Background



This preview shows how black text looks on a background with the YUV color 198.7500, 9.4903, 36.1763.



This preview shows how white text looks on a background with the YUV color 198.7500, 9.4903,

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

198.7500, 9.4903, 36.1763

Protanopia

195.4240, 17.0460, -7.3878

Deuteranopia

196.1500, 9.2931, 6.0075



Tritanopia

197.8240, -2.8712, 34.3574

Trichromacy



Original Color

198.7500, 9.4903, 36.1763



Protanomaly

196.5400, 14.5238, 8.2964



Deuteranomaly

197.2160, 9.2605, 16.4736



Tritanomaly

197.9750, 1.4913, 35.1019

Monochromacy



Original Color

198.7500, 9.4903, 36.1763



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.0000, 3.4510, 13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7500, 9.4903, 36.1763 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(240, 174, 218)` looks like.

```
.text, #text, p{  
    color:rgb(240, 174, 218)  
}
```

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(240, 174, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 174, 218) }
```

Border

The CSS property to change the border of an element to YUV 198.7500, 9.4903, 36.1763 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(240, 174, 218) }
```


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

```
.border{ border-color:rgb(240, 174, 218) }
```

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

Here you see how a box with a 4 pixel rgb(240, 174, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 174, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 174, 218);  
box-shadow:4px 4px 4px 4px rgb(240, 174,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 198.7500, 9.4903, 36.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 174, 218) }
```

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

```
.background{ background-color: rgb(240,  
174, 218) }
```

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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