

Converting Colors

YUV(197.9010, 13.8528,
36.9208)

Have a look what the booklet for
YUV(197.9010, 13.8528, 36.9208)
contains.

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Color

**YUV(197.9010, 13.8528,
36.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	F0ABE2
RGB	240, 171, 226
RGB Percent	94%, 67%, 89%
CMY	0.0588, 0.3294, 0.1137
CMYK	0.00, 0.29, 0.06, 0.06
HSL	312°, 70%, 81%
HSV	312°, 29%, 94%
XYZ	64.2256, 53.1421, 78.8239
YIQ	197.9010, 23.4690, 31.7330

Conversions

Conversions Part 2

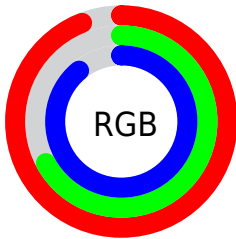
Format	Color
R _Y B	240, 171, 226
Decimal	15772642
CIE _{Lab}	77.96, 33.76, -17.58
CIE _{LCh}	78, 38.069, 332.490
Yxy	53.1421, 0.3274, 0.2709
Android (android.graphics.Color)	4293962722 (0xFFFF0ABE2)
YUV	197.9010, 13.8528, 36.9208
Hunter-Lab	72.8986, 29.6905, -13.0801

Details

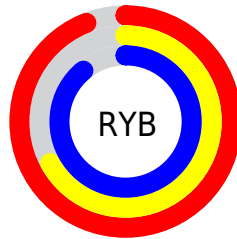
The YUV color **197.9010, 13.8528, 36.9208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **213.0990, -13.8528, -36.9208**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5640, 8.1029, 14.4144**, and **143.4770, 13.5688, 34.6617** is the 20% darker color. If you saturate the color by 10%, you get **183.2430, 18.6142, 49.7759**, and if you desaturate by 10%, it is **212.5590, 9.0914, 24.0658**.

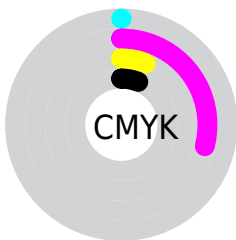
Distribution



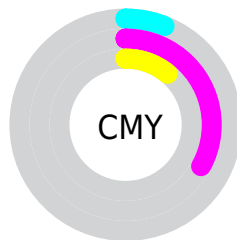
- Red (94%)
- Green (67%)
- Blue (89%)



- Red (94%)
- Yellow (67%)
- Blue (89%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 197.9010, 13.8528, 36.9208 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 197.9010, 13.8528, 36.9208 by changing the saturation by 10% instead.


 197.9010, 13.8528,
36.9208


 197.9010, 13.8528,
36.9208


255.0000, 0.0000,
0.0000


 170.1890, 13.7108,
35.7912

 238.5640, 8.1029,
14.4144

 143.4770, 13.5688,
34.6617

 117.0640, 13.2794,
34.1469

 91.9390, 12.8481,
32.5025

 67.3410, 13.1429,
31.2729

 42.4550, 13.5797,
31.1730

 21.2050, 12.7169,

27.8842

■ 12.9450, 6.9291,
17.5882

■ 0.0000, 0.0000,
0.0000

■ 197.9010, 13.8528,
36.9208

■ 197.9010, 13.8528,
36.9208

■ 183.2430, 18.6142,
49.7759

■ 212.5590, 9.0914,
24.0658

■ 168.5850, 23.3756,
62.6310

■ 227.2170, 4.3300,
11.2107

■ 153.9270, 28.1370,
75.4860

■ 241.8750, -0.4314,
-1.6444

■ 139.3830, 33.3352,
88.2411

■ 249.3750, -2.1569,
-8.2219

■ 124.7250, 38.0966,
101.0962

■ 249.9450, 0.0271,
-8.7218

■ 110.0670, 42.8580,
113.9512

■ 250.5150, 2.2111,
-9.2217

■ 95.4090, 47.6194,
126.8063

■ 93.5340, 48.0507,
128.4507

Harmonies

Analogous

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



196.2480, 27.4857, 4.1675



197.9010, 13.8528, 36.9208



195.4610, -2.1993, 52.2157

Triad

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



197.9010, 13.8528, 36.9208



190.5980, -33.8188, 20.5236



168.5010, 29.8260, -93.4014

Complementary

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



197.9010, 13.8528, 36.9208



213.0990, -13.8528, -36.9208

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.



173.5840, 10.5581, -73.3032



197.9010, 13.8528, 36.9208



186.2460, -26.7433, -8.9857

Square

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



197.9010, 13.8528, 36.9208



192.6640, -30.4004, 44.1447



180.8750, -10.7844, -41.1094



176.7990, 38.0601, -74.3687

Rectangle

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



197.9010, 13.8528, 36.9208



193.3120, -12.9718, 54.1004



180.8750, -10.7844, -41.1094



169.4430, 24.4316, -89.8425

Sweetspot

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



197.9010, 13.8528, 36.9208



240.9290, 4.4720, 12.3403



183.0520, 28.0754, 1.7084



118.8530, 3.0305, 8.0219



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.



197.9010, 13.8528, 36.9208



200.7050, 17.8934, 47.6167



194.0250, -0.9983, 40.3201



112.6140, 2.1623, 6.4775



71.6600, 36.6496, 98.5222



21.8740, 11.4011, 29.9285

Inverse Universe

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



197.9010, 13.8528, 36.9208



200.7050, 17.8934, 47.6167



216.9750, 0.9983, -40.3201



112.6140, 2.1623, 6.4775



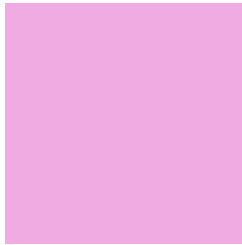
71.6600, 36.6496, 98.5222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 197.9010, 13.8528, 36.9208 looks on a white background.

Color Contrast Check

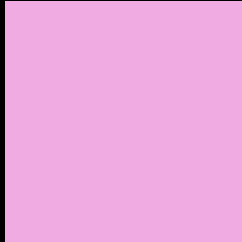
Large Text (above 18pt) WCAG AA × Fail

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 197.9010, 13.8528, 36.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

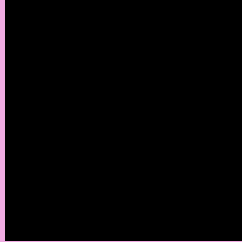
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.9010, 13.8528, 36.9208

Background



This preview shows how black text looks on a background with the YUV color 197.9010, 13.8528, 36.9208.



This preview shows how white text looks on a background with the YUV color 197.9010, 13.8528,

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

197.9010, 13.8528, 36.9208

Protanopia

193.8950, 22.7298, -10.4319

Deuteranopia

194.9800, 13.8139, 2.6485



Tritanopia

195.9380, -2.4344, 34.2574

Trichromacy



Original Color

197.9010, 13.8528, 36.9208



Protanomaly

195.4950, 19.4760, 6.5819



Deuteranomaly

196.0570, 13.7759, 14.8590



Tritanomaly

196.8440, 3.5279, 35.2168

Monochromacy



Original Color

197.9010, 13.8528, 36.9208



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.7550, 5.0508, 13.3699

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9010, 13.8528, 36.9208 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, 171, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 171, 226)  
}
```

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, 171, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 171, 226) }
```

Border

The CSS property to change the border of an element to YUV 197.9010, 13.8528, 36.9208 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, 171, 226) }
```


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

```
.border{ border-color:rgb(240, 171, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 171, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 171, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 171, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 171,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 197.9010, 13.8528, 36.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 171, 226) }
```

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

```
.background{ background-color: rgb(240,  
171, 226) }
```

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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