

Converting Colors

YUV(199.1050, 21.1472,
30.6029)

Have a look what the booklet for
YUV(199.1050, 21.1472, 30.6029)
contains.

| | |
|--|----|
| YUV(199.1050, 21.1472, 30.6029) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(199.1050, 21.1472,
30.6029)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAADF2 |
| RGB | 234, 173, 242 |
| RGB Percent | 92%, 68%, 95% |
| CMY | 0.0824, 0.3216, 0.0510 |
| CMYK | 0.03, 0.29, 0.00, 0.05 |
| HSL | 293°, 73%, 81% |
| HSV | 293°, 29%, 95% |
| XYZ | 64.9023, 53.7904, 90.9663 |
| YIQ | 199.1050, 14.2070, 34.3910 |

Conversions

Conversions Part 2

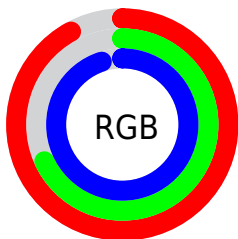
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 173, 242 |
| Decimal | 15379954 |
| CIE _{Lab} | 78.34, 33.66, -25.71 |
| CIE _{LCh} | 78, 42.357, 322.624 |
| Yxy | 53.7904, 0.3096, 0.2566 |
| Android (android.graphics.Color) | 4293570034 (0xFFEAADF2) |
| YUV | 199.1050, 21.1472, 30.6029 |
| Hunter-Lab | 73.3419, 29.6112, -22.1983 |

Details

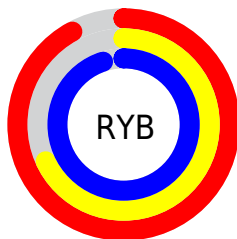
The YUV color **199.1050, 21.1472, 30.6029** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **215.8950, -21.1472, -30.6029**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **144.5670, 20.4265, 28.4437** is the 20% darker color. If you saturate the color by 10%, you get **184.1200, 28.5348, 41.1138**, and if you desaturate by 10%, it is **214.0900, 13.7596, 20.0921**.

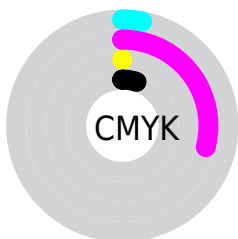
Distribution



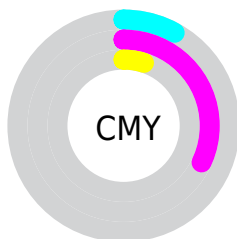
- Red (92%)
- Green (68%)
- Blue (95%)



- Red (92%)
- Yellow (68%)
- Blue (95%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)





- Cyan (8%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.1050, 21.1472, 30.6029 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 199.1050, 21.1472, 30.6029 by changing the saturation by 10% instead.


 199.1050, 21.1472,
30.6029


 199.1050, 21.1472,
30.6029


255.0000, 0.0000,
0.0000


 171.3930, 21.0053,
29.4733


 239.7380, 7.5242,
13.3848

 144.5670, 20.4265,
28.4437

 118.1540, 20.1371,
27.9289

 93.2140, 19.1215,
26.9993

 68.5020, 18.9795,
25.8697

 44.0890, 18.6901,
25.3549

 21.3770, 18.5481,

24.2254

■ 12.8890, 11.8867,
14.1293

■ 2.0690, 5.3890,
-1.8145

■ 199.1050, 21.1472,
30.6029

■ 199.1050, 21.1472,
30.6029

■ 184.1200, 28.5348,
41.1138

■ 214.0900, 13.7596,
20.0921

■ 169.1350, 35.9224,
51.6246

■ 229.0750, 6.3720,
9.5812

■ 153.8620, 43.4520,
63.2650

■ 244.3480, -1.1576,
-2.0592

■ 138.8770, 50.8396,
73.7759

■ 250.5280, -4.2043,
-4.8481

123.8920, 58.2272,
84.2867

251.4250, -4.6465,
-3.0037

108.9070, 65.6148,
94.7976

252.3220, -5.0887,
-1.1594

93.9220, 73.0025,
105.3084

253.2190, -5.5310,
0.6849

91.5740, 74.1600,
107.3676

253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



193.8550, 30.1445, -8.6428



199.1050, 21.1472, 30.6029



195.8830, 4.4947, 51.8456

Triad

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



199.1050, 21.1472, 30.6029



191.6380, -37.7825, 31.8895



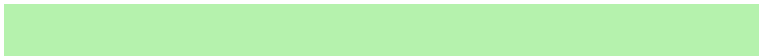
157.3190, 32.3807, -119.5518

Complementary

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



199.1050, 21.1472, 30.6029



215.8950, -21.1472, -30.6029

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.



173.5750, 4.1535, -72.4183



199.1050, 21.1472, 30.6029



188.1780, -33.6118, 0.7209

Square

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



199.1050, 21.1472, 30.6029



193.5450, -29.8487, 53.8960



182.8560, -18.6630, -34.0767



164.3000, 44.7151, -109.0111

Rectangle

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



199.1050, 21.1472, 30.6029



192.2180, -7.0095, 55.0598



182.8560, -18.6630, -34.0767



164.4970, 22.4330, -102.1679

Sweetspot

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



199.1050, 21.1472, 30.6029



240.6020, 7.0982, 9.9960



185.5620, 27.8239, -11.0169



118.5970, 4.6357, 6.4924



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.



199.1050, 21.1472, 30.6029



200.9410, 26.6511, 38.6397



198.5330, 8.6112, 38.1206



112.3580, 3.7675, 4.9480



69.4140, 56.4909, 81.1979



21.3340, 17.0903, 25.1401

Inverse Universe

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



194.5430, -6.6767, 41.6198



195.1530, -8.4564, 52.4858



216.4670, -8.6112, -38.1206



111.7020, -1.3321, 7.2773



57.4100, -17.9501, 111.0194



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 199.1050, 21.1472, 30.6029 looks on a white background.

Color Contrast Check

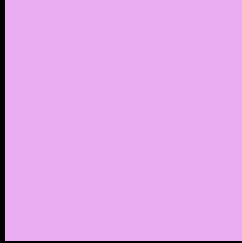
Large Text (above 18pt) WCAG AA × Fail

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 199.1050, 21.1472, 30.6029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

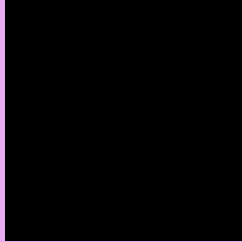
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.1050, 21.1472, 30.6029

Background



This preview shows how black text looks on a background with the YUV color 199.1050, 21.1472, 30.6029.

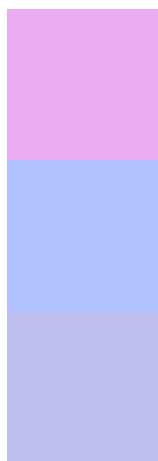


This preview shows how white text looks on a background with the YUV color 199.1050, 21.1472, 30.6029.

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

199.1050, 21.1472, 30.6029

Protanopia

194.6970, 29.7294, -15.5203

Deuteranopia

195.5860, 21.4031, -4.8989



Tritanopia

197.0510, -0.5181, 26.2653

Trichromacy



Original Color

199.1050, 21.1472, 30.6029



Protanomaly

196.2970, 26.4756, 1.4935



Deuteranomaly

196.9620, 21.2177, 7.9263



Tritanomaly

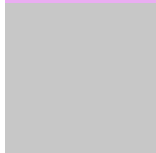
198.1250, 7.3334, 27.9544

Monochromacy



Original Color

199.1050, 21.1472, 30.6029



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.4280, 7.6770, 11.0256

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1050, 21.1472, 30.6029 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, 173, 242)` looks like.

```
.text, #text, p{  
    color:rgb(234, 173, 242)  
}
```

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, 173, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 173, 242) }
```

Border

The CSS property to change the border of an element to YUV 199.1050, 21.1472, 30.6029 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, 173, 242) }
```


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

```
.border{ border-color:rgb(234, 173, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 173, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 173, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 173, 242);  
box-shadow:4px 4px 4px 4px rgb(234, 173,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 199.1050, 21.1472, 30.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 173, 242) }
```

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

```
.background{ background-color: rgb(234,  
173, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor