

Converting Colors

$Y_{xy}(49.3094, 0.3481, 0.2803)$

Have a look what the booklet for
Yxy(49.3094, 0.3481, 0.2803)
contains.

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Color

Yxy(49.2278, 0.3487, 0.2799)

Conversions

Conversions Part 1

Format	Color
Hex	F4A1CF
RGB	244, 161, 207
RGB Percent	96%, 63%, 81%
CMY	0.0430, 0.3687, 0.1881
CMYK	0.00, 0.34, 0.15, 0.04
HSL	327°, 79%, 79%
HSV	327°, 34%, 96%
XYZ	61.3281, 49.2278, 65.3205
YIQ	191.0610, 34.7020, 31.9020

Conversions

Conversions Part 2

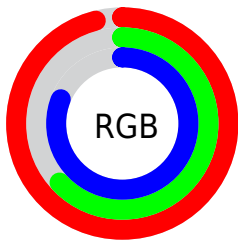
Format	Color
R _Y B	244, 161, 207
Decimal	16032207
CIE Lab	75.59, 37.26, -10.76
CIE LCh	76, 38.785, 343.894
Yxy	49.2278, 0.3487, 0.2799
Android (android.graphics.Color)	4294222287 (0xFFFF4A1CF)
YUV	191.0610, 7.8579, 46.4275
Hunter-Lab	70.1625, 33.2400, -6.0845

Details

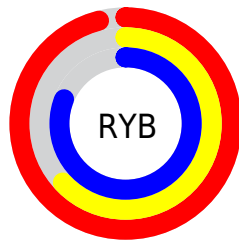
The Yxy color $49.2278, 0.3487, 0.2799$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $76.3762, 0.2880, 0.3842$, and the grayscale version is $52.0780, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1057, 0.3145, 0.2920$, and $23.4641, 0.3570, 0.2671$ is the 20% darker color. If you saturate the color by 10%, you get $41.0044, 0.3638, 0.2655$, and if you desaturate by 10%, it is $59.1567, 0.3358, 0.2948$.

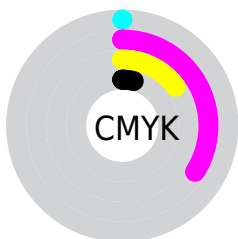
Distribution



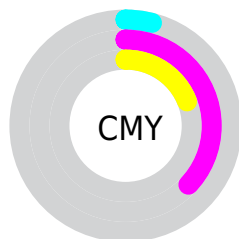
- Red (96%)
- Green (63%)
- Blue (81%)



- Red (96%)
- Yellow (63%)
- Blue (81%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (4%)




- Cyan (4%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2278, 0.3487, 0.2799 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 Yxy color 49.2278, 0.3487, 0.2799 by changing the saturation by 10% instead.


 49.2278, 0.3487,
0.2799


 49.2278, 0.3487,
0.2799


383.6384, 0.3314,
0.3032

 34.8002, 0.3528,
0.2744


 89.0297, 0.3425,
0.2881

 23.5090, 0.3580,
0.2676


 115.1728, 0.3402,
0.2913

 14.9698, 0.3648,
0.2588


145.9899, 0.3382,
0.2940

 8.7982, 0.3739,
0.2471

181.8653, 0.3365,
0.2963

 4.6098, 0.3867,
0.2309

223.1835, 0.3349,
0.2984

 2.0202, 0.4063,
0.2069

270.3288, 0.3336,

 0.6192, 0.4422,

0.3002

0.1626

323.6856, 0.3324,
0.3018

0.0000, 0.6686,
0.0000

0.0000, 0.0000,
0.0000

49.2278, 0.3487,
0.2799

49.2278, 0.3487,
0.2799

41.0044, 0.3638,
0.2655

59.1567, 0.3358,
0.2948

34.3817, 0.3811,
0.2523

70.8743, 0.3250,
0.3095

29.2539, 0.4004,
0.2416

84.4666, 0.3159,
0.3235

25.4994, 0.4212,
0.2346

97.6950, 0.3085,
0.3333

■ 22.9774, 0.4427,
0.2324

■ 97.9799, 0.3060,
0.3290

■ 21.5159, 0.4639,
0.2357

■ 20.9977, 0.4762,
0.2397

Harmonies

Analogous

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



49.2278, 0.2944, 0.2542



49.2278, 0.3487, 0.2799



49.2278, 0.3957, 0.3168

Triad

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



49.2278, 0.3487, 0.2799



49.2278, 0.3740, 0.4227



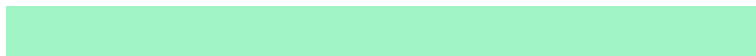
49.2278, 0.2174, 0.2851

Complementary

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



49.2278, 0.3487, 0.2799



76.3762, 0.2880, 0.3842

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.



49.2278, 0.2348, 0.3337



49.2278, 0.3487, 0.2799



49.2278, 0.3237, 0.4208

Square

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



49.2278, 0.3487, 0.2799



49.2278, 0.4095, 0.3975



49.2278, 0.2729, 0.3865



49.2278, 0.2226, 0.2544

Rectangle

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



49.2278, 0.3487, 0.2799



49.2278, 0.4143, 0.3445



49.2278, 0.2729, 0.3865



49.2278, 0.2207, 0.2997

Sweetspot

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



49.2301, 0.3487, 0.2799



84.0854, 0.3211, 0.3152



43.8843, 0.2781, 0.2343



17.5557, 0.3225, 0.3132



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.2301, 0.3487, 0.2799



47.7912, 0.3591, 0.2696



47.4958, 0.3878, 0.3231



16.6363, 0.3207, 0.3160



11.4414, 0.4730, 0.2380



1.0263, 0.4487, 0.2245

Inverse Universe

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



49.2301, 0.3487, 0.2799



47.7912, 0.3591, 0.2696



78.5020, 0.2671, 0.3352



16.6363, 0.3207, 0.3160



11.4414, 0.4730, 0.2380



1.0263, 0.4487, 0.2245

Previews

White Background



This preview shows how the Yxy color 49.2278, 0.3487, 0.2799 looks on a white background.

Color Contrast Check

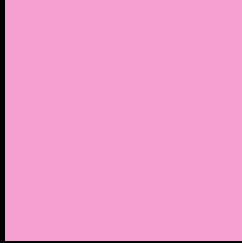
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 49.2278, 0.3487, 0.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

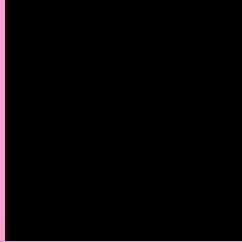
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2278, 0.3487, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 49.2278, 0.3487, 0.2799.



This preview shows how white text looks on a background with the Yxy color 49.2278, 0.3487, 0.2799.

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

49.2278, 0.3487, 0.2799

Protanopia

49.6093, 0.2804, 0.2824

Deuteranopia

49.2299, 0.3089, 0.3022



Tritanopia

49.2279, 0.3712, 0.3148

Trichromacy



Original Color

49.2278, 0.3487, 0.2799



Protanomaly

48.7569, 0.3032, 0.2807



Deuteranomaly

48.9279, 0.3231, 0.2940



Tritanomaly

49.1023, 0.3631, 0.3018

Monochromacy



Original Color

49.2278, 0.3487, 0.2799



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.3754, 0.3248, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2278, 0.3487, 0.2799 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(244, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(244, 161, 207)  
}
```

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(244, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 161, 207) }
```

Border

The CSS property to change the border of an element to Yxy 49.2278, 0.3487, 0.2799 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(244, 161, 207) }
```

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

```
.border{ border-color:rgb(244, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(244, 161,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2278, 0.3487, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 161, 207) }
```

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

```
.background{ background-color: rgb(244,  
161, 207) }
```

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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