

Converting Colors

$Y_{xy}(41.6492, 0.3422, 0.2730)$

Have a look what the booklet for
Yxy(41.6492, 0.3422, 0.2730)
contains.

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Color

Yxy(41.7409, 0.3424, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	E295C6
RGB	226, 149, 198
RGB Percent	89%, 58%, 78%
CMY	0.1136, 0.4157, 0.2235
CMYK	0.00, 0.34, 0.12, 0.11
HSL	322°, 57%, 74%
HSV	322°, 34%, 89%
XYZ	52.3136, 41.7409, 58.7306
YIQ	177.6090, 30.1630, 31.5630

Conversions

Conversions Part 2

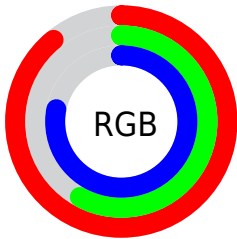
Format	Color
R _Y B	226, 149, 198
Decimal	14849478
CIE Lab	70.69, 36.09, -13.34
CIE LCh	71, 38.472, 339.720
Yxy	41.7409, 0.3424, 0.2732
Android (android.graphics.Color)	4293039558 (0xFFE295C6)
YUV	177.6090, 10.0528, 42.4389
Hunter-Lab	64.6072, 31.4721, -8.6720

Details

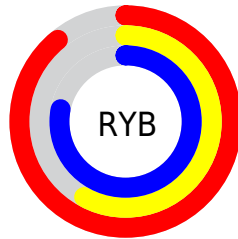
The Yxy color $41.7409, 0.3424, 0.2732$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.9758, 0.2917, 0.3926$, and the grayscale version is $44.2390, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $18.9980, 0.3499, 0.2589$ is the 20% darker color. If you saturate the color by 10%, you get $34.9028, 0.3545, 0.2569$, and if you desaturate by 10%, it is $49.9913, 0.3319, 0.2900$.

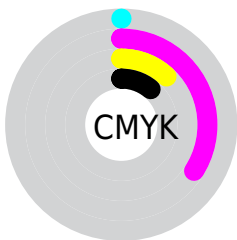
Distribution



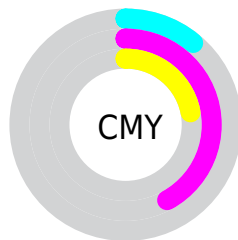
- Red (89%)
- Green (58%)
- Blue (78%)



- Red (89%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (11%)




- Cyan (11%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7409, 0.3424, 0.2732 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 41.7409, 0.3424, 0.2732 by changing the saturation by 10% instead.


 41.7409, 0.3424,
0.2732


 41.7409, 0.3424,
0.2732


353.4077, 0.3279,
0.3003

 28.8985, 0.3459,
0.2667


 77.8073, 0.3372,
0.2828

 19.0040, 0.3503,
0.2585


 101.8001, 0.3353,
0.2865

 11.6732, 0.3561,
0.2478


130.2785, 0.3336,
0.2897

 6.5216, 0.3639,
0.2335

163.6268, 0.3321,
0.2924

 3.1647, 0.3752,
0.2131

202.2295, 0.3309,
0.2947

 1.2183, 0.3924,
0.1821

246.4710, 0.3298,

 0.0766, 0.4672,

0.2968

0.0373

296.7356, 0.3288,
0.2986

0.0000, 0.0000,
0.0000

41.7409, 0.3424,
0.2732

41.7409, 0.3424,
0.2732

34.9028, 0.3545,
0.2569

49.9913, 0.3319,
0.2900

29.3903, 0.3681,
0.2420

59.7227, 0.3230,
0.3066

25.1160, 0.3832,
0.2296

71.0061, 0.3154,
0.3227

21.9797, 0.3992,
0.2209

83.9064, 0.3091,
0.3379

19.8653, 0.4156,
0.2168

93.9338, 0.3040,
0.3451

■ 18.6315, 0.4318,
0.2179

■ 94.4312, 0.2994,
0.3367

■ 18.1826, 0.4413,
0.2204

■ 94.9147, 0.2952,
0.3289

Harmonies

Analogous

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



41.7409, 0.2860, 0.2486



41.7409, 0.3424, 0.2732



41.7409, 0.3941, 0.3103

Triad

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



41.7409, 0.3424, 0.2732



41.7409, 0.3830, 0.4247



41.7409, 0.2144, 0.2889

Complementary

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



41.7409, 0.3424, 0.2732



63.9758, 0.2917, 0.3926

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.



41.7409, 0.2356, 0.3417



41.7409, 0.3424, 0.2732



41.7409, 0.3316, 0.4280

Square

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



41.7409, 0.3424, 0.2732



41.7409, 0.4172, 0.3951



41.7409, 0.2777, 0.3963



41.7409, 0.2166, 0.2541

Rectangle

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



41.7409, 0.3424, 0.2732



41.7409, 0.4163, 0.3388



41.7409, 0.2777, 0.3963



41.7409, 0.2189, 0.3050

Sweetspot

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



41.7428, 0.3424, 0.2732



84.2126, 0.3198, 0.3132



36.2082, 0.2728, 0.2331



17.5866, 0.3209, 0.3109



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.



41.7428, 0.3424, 0.2732



48.2248, 0.3509, 0.2614



40.2223, 0.3806, 0.3156



13.8466, 0.3193, 0.3142



10.3930, 0.4388, 0.2191



0.7374, 0.4159, 0.2065

Inverse Universe

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



41.7428, 0.3424, 0.2732



48.2248, 0.3509, 0.2614



65.6805, 0.2707, 0.3432



13.8466, 0.3193, 0.3142



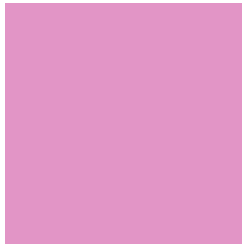
10.3930, 0.4388, 0.2191



0.7374, 0.4159, 0.2065

Previews

White Background



This preview shows how the Yxy color 41.7409, 0.3424, 0.2732 looks on a white background.

Color Contrast Check

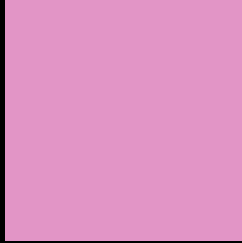
Large Text (above 18pt) WCAG AA × Fail

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 41.7409, 0.3424, 0.2732 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 41.7409, 0.3424, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 41.7409, 0.3424, 0.2732.



This preview shows how white text looks on a background with the Yxy color 41.7409, 0.3424, 0.2732.

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

41.7409, 0.3424, 0.2732

Protanopia

42.2017, 0.2747, 0.2756

Deuteranopia

41.9743, 0.3019, 0.2964



Tritanopia

41.7623, 0.3681, 0.3149

Trichromacy



Original Color

41.7409, 0.3424, 0.2732



Protanomaly

41.6698, 0.2968, 0.2739



Deuteranomaly

41.6511, 0.3165, 0.2878



Tritanomaly

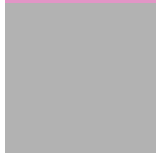
41.6848, 0.3585, 0.2997

Monochromacy



Original Color

41.7409, 0.3424, 0.2732



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.7423, 0.3229, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7409, 0.3424, 0.2732 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(226, 149, 198)` looks like.

```
.text, #text, p{  
    color:rgb(226, 149, 198)  
}
```

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(226, 149, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 149, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.7409, 0.3424, 0.2732 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(226, 149, 198) }
```

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

```
.border{ border-color:rgb(226, 149, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 149, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 149, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 149, 198); box-shadow:4px 4px 4px 4px rgb(226, 149, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7409, 0.3424, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 149, 198) }
```

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

```
.background{ background-color: rgb(226,  
149, 198) }
```

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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