

Converting Colors

Yxy(43.2494, 0.3287, 0.2555)

Have a look what the booklet for
Yxy(43.2494, 0.3287, 0.2555)
contains.

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Color

Yxy(43.1108, 0.3283, 0.2552)

Conversions

Conversions Part 1

Format	Color
Hex	E595D8
RGB	229, 149, 216
RGB Percent	90%, 58%, 85%
CMY	0.1019, 0.4157, 0.1530
CMYK	0.00, 0.35, 0.06, 0.10
HSL	310°, 61%, 74%
HSV	310°, 35%, 90%
XYZ	55.4595, 43.1108, 70.3591
YIQ	180.5580, 26.1730, 37.7970

Conversions

Conversions Part 2

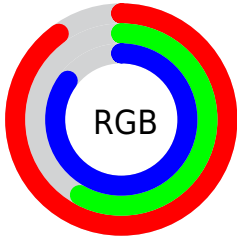
Format	Color
R _Y B	229, 149, 216
Decimal	15046104
CIE Lab	71.63, 40.10, -21.82
CIE LCh	72, 45.651, 331.444
Yxy	43.1108, 0.3283, 0.2552
Android (android.graphics.Color)	4293236184 (0xFFE595D8)
YUV	180.5580, 17.4729, 42.4836
Hunter-Lab	65.6588, 35.8693, -17.5732

Details

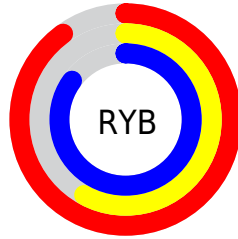
The Yxy color $43.1108, 0.3283, 0.2552$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.0497, 0.3004, 0.4163$, and the grayscale version is $45.8522, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $19.7096, 0.3313, 0.2363$ is the 20% darker color. If you saturate the color by 10%, you get $36.3742, 0.3340, 0.2349$, and if you desaturate by 10%, it is $51.2805, 0.3231, 0.2765$.

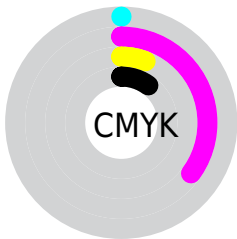
Distribution



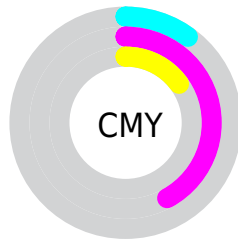
- Red (90%)
- Green (58%)
- Blue (85%)



- Red (90%)
- Yellow (58%)
- Blue (85%)



- Cyan (0%)
- Magenta (35%)
- Yellow (6%)
- Black (10%)





- Cyan (10%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1108, 0.3283, 0.2552 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 43.1108, 0.3283, 0.2552 by changing the saturation by 10% instead.


 43.1108, 0.3283,
0.2552


 43.1108, 0.3283,
0.2552


359.0672, 0.3214,
0.2902

 29.9721, 0.3298,
0.2471


 79.8780, 0.3260,
0.2675

 19.8174, 0.3315,
0.2369


 104.2753, 0.3251,
0.2722

 12.2624, 0.3335,
0.2240


133.1942, 0.3243,
0.2763

 6.9226, 0.3360,
0.2070

167.0192, 0.3236,
0.2798

 3.4138, 0.3388,
0.1837

206.1346, 0.3229,
0.2829

 1.3514, 0.3416,
0.1505

250.9248, 0.3224,

 0.1805, 0.3596,

0.2856

0.0546

301.7742, 0.3219,
0.2880

0.0000, 0.1596,
0.0000

0.0000, 0.0000,
0.0000

43.1108, 0.3283,
0.2552

43.1108, 0.3283,
0.2552

36.3742, 0.3340,
0.2349

51.2805, 0.3231,
0.2765

30.9808, 0.3400,
0.2166

60.9544, 0.3185,
0.2979

26.8399, 0.3463,
0.2012

72.2062, 0.3145,
0.3189

23.8471, 0.3527,
0.1896

85.1028, 0.3110,
0.3390

■ 21.8810, 0.3588,
0.1825

■ 94.1589, 0.3083,
0.3496

■ 20.7927, 0.3647,
0.1800

■ 94.3763, 0.3062,
0.3458

■ 20.4558, 0.3676,
0.1799

■ 94.5982, 0.3041,
0.3420

■ 94.8246, 0.3020,
0.3382

■ 95.0557, 0.3000,
0.3344

Harmonies

Analogous

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



43.1108, 0.2650, 0.2321



43.1108, 0.3283, 0.2552



43.1108, 0.3933, 0.2939

Triad

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



43.1108, 0.3283, 0.2552



43.1108, 0.4074, 0.4325



43.1108, 0.2032, 0.2963

Complementary

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



43.1108, 0.3283, 0.2552



65.0497, 0.3004, 0.4163

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.



43.1108, 0.2340, 0.3623



43.1108, 0.3283, 0.2552



43.1108, 0.3511, 0.4490

Square

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



43.1108, 0.3283, 0.2552



43.1108, 0.4400, 0.3912



43.1108, 0.2875, 0.4236



43.1108, 0.1987, 0.2499

Rectangle

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



43.1108, 0.3283, 0.2552



43.1108, 0.4256, 0.3252



43.1108, 0.2875, 0.4236



43.1108, 0.2106, 0.3169

Sweetspot

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



43.1127, 0.3283, 0.2552



84.5312, 0.3165, 0.3083



34.7289, 0.2586, 0.2269



17.6639, 0.3171, 0.3053



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.



43.1127, 0.3283, 0.2552



48.5559, 0.3324, 0.2402



41.3297, 0.3664, 0.2969



14.5728, 0.3163, 0.3095



11.7082, 0.3668, 0.1794



0.8760, 0.3590, 0.1751

Inverse Universe

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



43.1127, 0.3283, 0.2552



48.5559, 0.3324, 0.2402



66.6579, 0.2784, 0.3641



14.5728, 0.3163, 0.3095



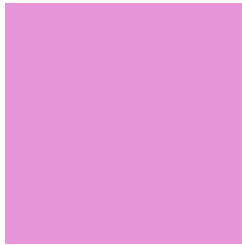
11.7082, 0.3668, 0.1794



0.8760, 0.3590, 0.1751

Previews

White Background



This preview shows how the Yxy color 43.1108, 0.3283, 0.2552 looks on a white background.

Color Contrast Check

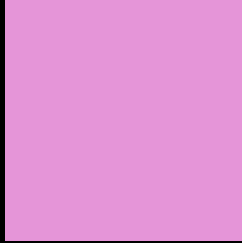
Large Text (above 18pt) WCAG AA × Fail

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 43.1108, 0.3283, 0.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

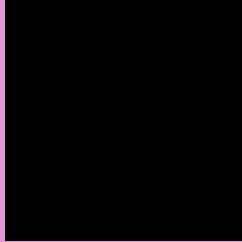
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1108, 0.3283, 0.2552

Background



This preview shows how black text looks on a background with the Yxy color 43.1108, 0.3283, 0.2552.



This preview shows how white text looks on a background with the Yxy color 43.1108, 0.3283, 0.2552.

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

43.1108, 0.3283, 0.2552

Protanopia

43.5835, 0.2578, 0.2537

Deuteranopia

43.3725, 0.2841, 0.2780



Tritanopia

43.0440, 0.3652, 0.3150

Trichromacy



Original Color

43.1108, 0.3283, 0.2552



Protanomaly

42.6467, 0.2800, 0.2536



Deuteranomaly

42.9571, 0.2997, 0.2694



Tritanomaly

43.0381, 0.3511, 0.2920

Monochromacy



Original Color

43.1108, 0.3283, 0.2552



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.2767, 0.3178, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1108, 0.3283, 0.2552 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(229, 149, 216)` looks like.

```
.text, #text, p{  
    color:rgb(229, 149, 216)  
}
```

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(229, 149, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 149, 216) }
```

Border

The CSS property to change the border of an element to Yxy 43.1108, 0.3283, 0.2552 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(229, 149, 216) }
```

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

```
.border{ border-color:rgb(229, 149, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 149, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 149, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 149, 216);  
box-shadow:4px 4px 4px 4px rgb(229, 149,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1108, 0.3283, 0.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 149, 216) }
```

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

```
.background{ background-color: rgb(229,  
149, 216) }
```

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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