

Converting Colors

Yxy(43.0056, 0.3707, 0.3166)

Have a look what the booklet for
Yxy(43.0056, 0.3707, 0.3166)
contains.

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Color

Yxy(43.1098, 0.3704, 0.3163)

Conversions

Conversions Part 1	
Format	Color
Hex	E29DA8
RGB	226, 157, 168
RGB Percent	89%, 62%, 66%
CMY	0.1138, 0.3842, 0.3412
CMYK	0.00, 0.31, 0.26, 0.11
HSL	350°, 54%, 75%
HSV	350°, 31%, 89%
XYZ	50.4833, 43.1098, 42.7009
YIQ	178.8850, 37.5930, 18.0490

Conversions

Conversions Part 2

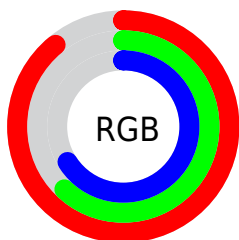
Format	Color
RYB	226, 157, 168
Decimal	14851496
CIELab	71.63, 27.21, 4.69
CIELCh	72, 27.612, 9.783
Yxy	43.1098, 0.3704, 0.3163
Android (android.graphics.Color)	4293041576 (0xFFE29DA8)
YUV	178.8850, -5.3663, 41.3199
Hunter-Lab	65.6581, 22.3439, 7.4012

Details

The Yxy color **43.1098, 0.3704, 0.3163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.4581, 0.2749, 0.3423**, and the grayscale version is **45.0296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6747, 0.3371, 0.3180**, and **19.7991, 0.3874, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **35.5012, 0.3988, 0.3121**, and if you desaturate by 10%, it is **52.2401, 0.3472, 0.3206**.

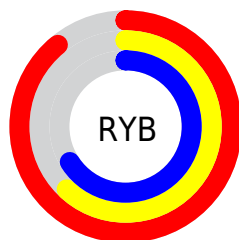
Distribution



Red (89%)

Green (62%)

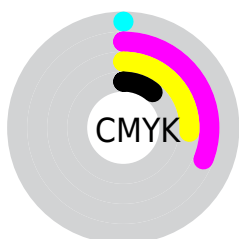
Blue (66%)



Red (89%)

Yellow (62%)

Blue (66%)

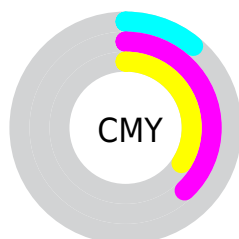


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1098, 0.3704, 0.3163 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 43.1098, 0.3704, 0.3163 by changing the saturation by 10% instead.


 43.1098, 0.3704,
0.3163


 43.1098, 0.3704,
0.3163


359.0631, 0.3410,
0.3231

 29.9713, 0.3779,
0.3145

 79.8765, 0.3596,
0.3189

 19.8168, 0.3876,
0.3120


 104.2735, 0.3556,
0.3198

 12.2619, 0.4007,
0.3086


133.1921, 0.3522,
0.3206

 6.9223, 0.4192,
0.3036

167.0167, 0.3493,
0.3212

 3.4136, 0.4474,
0.2956

206.1317, 0.3468,
0.3218

 1.3513, 0.4950,
0.2809

250.9215, 0.3446,


 0.1804, 0.8225,


0.3223


0.1775


301.7705, 0.3427,
0.3227


 0.0000, 0.0000,
0.0000


 43.1098, 0.3704,
0.3163

 43.1098, 0.3704,
0.3163


 35.5012, 0.3988,
0.3121

 52.2401, 0.3472,
0.3206


 29.3256, 0.4329,
0.3084


 62.9623, 0.3285,
0.3249


 24.4947, 0.4722,
0.3059

 75.3496, 0.3134,
0.3288

 20.9077, 0.5151,
0.3053

 89.4687, 0.3012,
0.3324

 18.4496, 0.5576,
0.3075

 94.9055, 0.2952,
0.3289

■ 16.9839, 0.5943,
0.3125

■ 16.2926, 0.6198,
0.3188

Harmonies

Analogous

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



43.1098, 0.3344, 0.2883



43.1098, 0.3704, 0.3163



43.1098, 0.3902, 0.3485

Triad

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



43.1098, 0.3704, 0.3163



43.1098, 0.3274, 0.3977



43.1098, 0.2424, 0.2754

Complementary

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



43.1098, 0.3704, 0.3163



66.4581, 0.2749, 0.3423

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.



43.1098, 0.2410, 0.3015



43.1098, 0.3704, 0.3163



43.1098, 0.2884, 0.3755

Square

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



43.1098, 0.3704, 0.3163



43.1098, 0.3639, 0.3975



43.1098, 0.2572, 0.3386



43.1098, 0.2612, 0.2648

Rectangle

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



43.1098, 0.3704, 0.3163



43.1098, 0.3910, 0.3691



43.1098, 0.2572, 0.3386



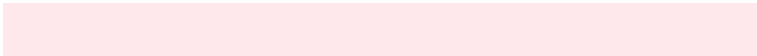
43.1098, 0.2399, 0.2825

Sweetspot

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



43.1118, 0.3704, 0.3163



85.0402, 0.3261, 0.3254



43.9788, 0.3062, 0.2510



17.7212, 0.3285, 0.3249



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.



43.1118, 0.3704, 0.3163



49.7489, 0.3889, 0.3134



51.2446, 0.3734, 0.3559



13.7359, 0.3267, 0.3253



9.3081, 0.6167, 0.3171



0.6563, 0.5779, 0.2957

Inverse Universe

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



43.1118, 0.3704, 0.3163



49.7489, 0.3889, 0.3134



55.3678, 0.2657, 0.3003



13.7359, 0.3267, 0.3253



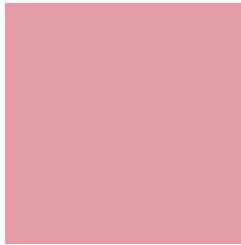
9.3081, 0.6167, 0.3171



0.6563, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 43.1098, 0.3704, 0.3163 looks on a white background.

Color Contrast Check

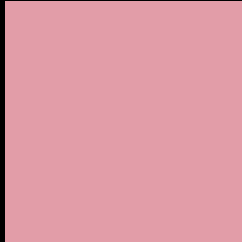
Large Text (above 18pt) WCAG AA × Fail

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 43.1098, 0.3704, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

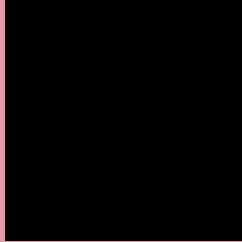
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1098, 0.3704, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 43.1098, 0.3704, 0.3163.



This preview shows how white text looks on a background with the Yxy color 43.1098, 0.3704, 0.3163.

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

43.1098, 0.3704, 0.3163

Protanopia

43.3393, 0.3129, 0.3250

Deuteranopia

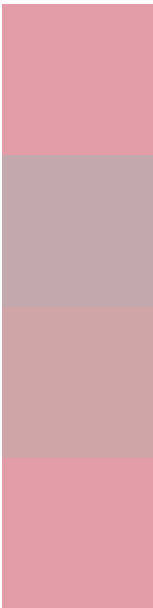
43.3729, 0.3412, 0.3342



Tritanopia

43.1473, 0.3694, 0.3151

Trichromacy



Original Color
43.1098, 0.3704, 0.3163

Protanomaly
42.6634, 0.3325, 0.3213

Deuteranomaly
43.1102, 0.3519, 0.3266

Tritanomaly
43.1473, 0.3694, 0.3151

Monochromacy



Original Color
43.1098, 0.3704, 0.3163

Achromatopsia
45.0786, 0.3127, 0.3290

Achromatomaly
43.9567, 0.3321, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1098, 0.3704, 0.3163 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, 157, 168) looks like.

```
.text, #text, p{  
    color:rgb(226, 157, 168)  
}
```

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, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 157, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.1098, 0.3704, 0.3163 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, 157, 168) }
```

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

```
.border{ border-color:rgb(226, 157, 168) }
```

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

Here you see how a box with a 4 pixel rgb(226, 157, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 157, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 157, 168);  
box-shadow:4px 4px 4px 4px rgb(226, 157,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1098, 0.3704, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 157, 168) }
```

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

```
.background{ background-color: rgb(226,  
157, 168) }
```

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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