

Converting Colors

$Y_{xy}(68.5287, 0.3197, 0.3114)$

Have a look what the booklet for
Yxy(68.5287, 0.3197, 0.3114)
contains.

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Color

Yxy(68.5843, 0.3195, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	EAD1E2
RGB	234, 209, 226
RGB Percent	92%, 82%, 89%
CMY	0.0824, 0.1804, 0.1137
CMYK	0.00, 0.11, 0.03, 0.08
HSL	319°, 37%, 87%
HSV	319°, 11%, 92%
XYZ	70.4588, 68.5843, 81.4852
YIQ	218.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

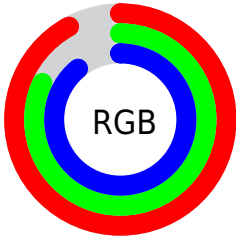
Format	Color
R_{YB}	234, 209, 226
Decimal	15389154
CIE _{Lab}	86.30, 11.58, -5.21
CIE _{LCh}	86, 12.695, 335.794
Yxy	68.5843, 0.3195, 0.3110
Android (android.graphics.Color)	4293579234 (0xFFEAD1E2)
YUV	218.4130, 3.7404, 13.6698
Hunter-Lab	82.8156, 6.9388, -0.3666

Details

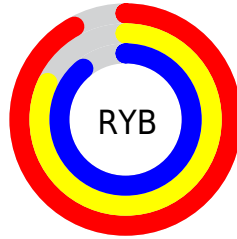
The Yxy color **68.5843, 0.3195, 0.3110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4066, 0.3065, 0.3477**, and the grayscale version is **70.3813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8479, 0.3206, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **57.5343, 0.3270, 0.2934**, and if you desaturate by 10%, it is **81.3444, 0.3131, 0.3279**.

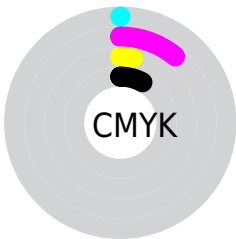
Distribution



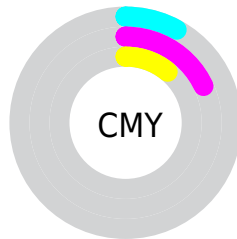
- Red (92%)
- Green (82%)
- Blue (89%)



- Red (92%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (8%)




- Cyan (8%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5843, 0.3195, 0.3110 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 68.5843, 0.3195, 0.3110 by changing the saturation by 10% instead.


 68.5843, 0.3195,
0.3110

 68.5843, 0.3195,
0.3110


455.5634, 0.3164,
0.3193

 50.3732, 0.3202,
0.3091


117.1876, 0.3184,
0.3139

 35.7100, 0.3211,
0.3068


148.3487, 0.3180,
0.3150

 24.2103, 0.3222,
0.3038


184.5952, 0.3176,
0.3160

 15.4897, 0.3236,
0.3000

226.3116, 0.3173,
0.3168

 9.1638, 0.3255,
0.2947

273.8822, 0.3171,
0.3175

 4.8482, 0.3283,
0.2872

327.6914, 0.3168,

 2.1585, 0.3326,

0.3182

0.2754

388.1237, 0.3166,
0.3188

0.6972, 0.3417,
0.2509

0.0000, 0.0000,
0.0000

68.5843, 0.3195,
0.3110

68.5843, 0.3195,
0.3110

57.5343, 0.3270,
0.2934

81.3444, 0.3131,
0.3279

48.1120, 0.3359,
0.2755

95.3595, 0.3078,
0.3430

40.2416, 0.3460,
0.2579

95.8151, 0.3036,
0.3355

33.8377, 0.3575,
0.2415

96.2311, 0.2999,
0.3290

■ 28.8065, 0.3701,
0.2273

■ 25.0435, 0.3835,
0.2164

■ 22.4289, 0.3974,
0.2098

■ 20.8198, 0.4113,
0.2082

■ 20.0039, 0.4238,
0.2108

Harmonies

Analogous

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



68.5843, 0.3037, 0.3039



68.5843, 0.3195, 0.3110



68.5843, 0.3337, 0.3226

Triad

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



68.5843, 0.3195, 0.3110



68.5843, 0.3349, 0.3554



68.5843, 0.2840, 0.3208

Complementary

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



68.5843, 0.3195, 0.3110



77.4066, 0.3065, 0.3477

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.



68.5843, 0.2919, 0.3351



68.5843, 0.3195, 0.3110



68.5843, 0.3212, 0.3556

Square

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



68.5843, 0.3195, 0.3110



68.5843, 0.3427, 0.3481



68.5843, 0.3055, 0.3481



68.5843, 0.2835, 0.3091

Rectangle

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



68.5843, 0.3195, 0.3110



68.5843, 0.3403, 0.3316



68.5843, 0.3055, 0.3481



68.5843, 0.2859, 0.3254

Sweetspot

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



68.5873, 0.3195, 0.3110



95.0595, 0.3145, 0.3240



66.2838, 0.3016, 0.3017



20.0711, 0.3150, 0.3227



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.



68.5873, 0.3195, 0.3110



79.9798, 0.3212, 0.3069



67.9295, 0.3284, 0.3241



15.2272, 0.3187, 0.3131



11.2658, 0.4218, 0.2097



0.9020, 0.4043, 0.2001

Inverse Universe

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



68.5873, 0.3195, 0.3110



79.9798, 0.3212, 0.3069



78.0778, 0.2990, 0.3339



15.2272, 0.3187, 0.3131



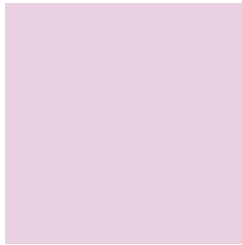
11.2658, 0.4218, 0.2097



0.9020, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 68.5843, 0.3195, 0.3110 looks on a white background.

Color Contrast Check

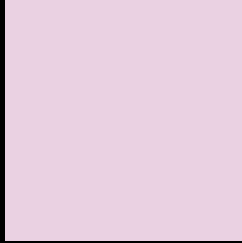
Large Text (above 18pt) WCAG AA × Fail

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 68.5843, 0.3195, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

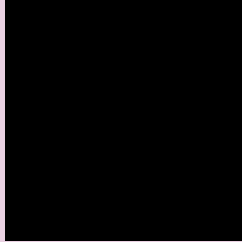
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5843, 0.3195, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 68.5843, 0.3195, 0.3110.

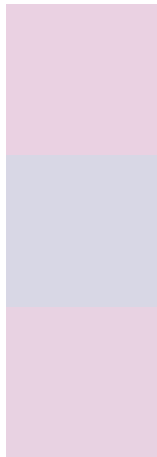


This preview shows how white text looks on a background with the Yxy color 68.5843, 0.3195, 0.3110.

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

68.5843, 0.3195, 0.3110

Protanopia

68.8570, 0.3041, 0.3137

Deuteranopia

68.7400, 0.3180, 0.3120



Tritanopia

68.5296, 0.3202, 0.3121

Trichromacy



Original Color

68.5843, 0.3195, 0.3110

Protanomaly

68.8779, 0.3098, 0.3128

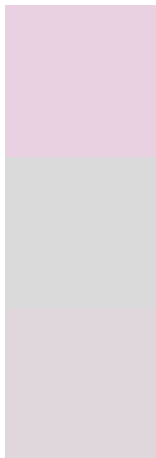
Deuteranomaly

68.9078, 0.3187, 0.3120

Tritanomaly

68.5296, 0.3202, 0.3121

Monochromacy



Original Color

68.5843, 0.3195, 0.3110

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.6686, 0.3152, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5843, 0.3195, 0.3110 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, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 226)  
}
```

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, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.5843, 0.3195, 0.3110 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, 209, 226) }
```

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

```
.border{ border-color:rgb(234, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5843, 0.3195, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 209, 226) }
```

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

```
.background{ background-color: rgb(234,  
209, 226) }
```

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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