

Converting Colors

$Y_{xy}(58.7190, 0.3229, 0.2864)$

Have a look what the booklet for
Yxy(58.7190, 0.3229, 0.2864)
contains.

Yxy(58.6133, 0.3236, 0.2865)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6133, 0.3236, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	EDBAE2
RGB	237, 186, 226
RGB Percent	93%, 73%, 89%
CMY	0.0707, 0.2705, 0.1138
CMYK	0.00, 0.22, 0.05, 0.07
HSL	313°, 59%, 83%
HSV	313°, 22%, 93%
XYZ	66.2034, 58.6133, 79.7673
YIQ	205.8090, 17.5560, 23.2520

Conversions

Conversions Part 2

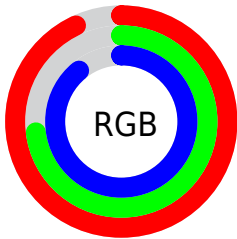
Format	Color
R _{YB}	237, 186, 226
Decimal	15579874
CIE _{Lab}	81.08, 24.78, -12.92
CIE _{LCh}	81, 27.941, 332.461
Yxy	58.6133, 0.3236, 0.2865
Android (android.graphics.Color)	4293769954 (0xFFEDBAE2)
YUV	205.8090, 9.9542, 27.3545
Hunter-Lab	76.5593, 20.3760, -8.1828

Details

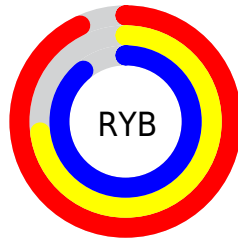
The Yxy color $58.6133, 0.3236, 0.2865$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.0260, 0.3034, 0.3756$, and the grayscale version is $61.5200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $29.2666, 0.3261, 0.2754$ is the 20% darker color. If you saturate the color by 10%, you get $49.1680, 0.3299, 0.2662$, and if you desaturate by 10%, it is $69.7279, 0.3181, 0.3067$.

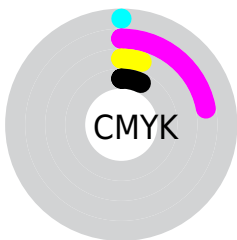
Distribution



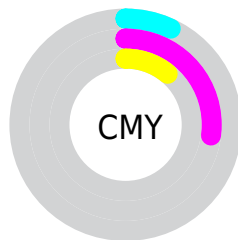
- Red (93%)
- Green (73%)
- Blue (89%)



- Red (93%)
- Yellow (73%)
- Blue (89%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6133, 0.3236, 0.2865 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 58.6133, 0.3236, 0.2865 by changing the saturation by 10% instead.

 58.6133, 0.3236,
0.2865

 58.6133, 0.3236,
0.2865


419.4674, 0.3187,
0.3062

 42.3019, 0.3247,
0.2820


 102.8154, 0.3219,
0.2933

 29.3378, 0.3260,
0.2764


131.4749, 0.3213,
0.2960

 19.3365, 0.3277,
0.2694

165.0193, 0.3207,
0.2983

 11.9137, 0.3297,
0.2602

203.8329, 0.3202,
0.3003

 6.6849, 0.3325,
0.2476

248.3001, 0.3198,
0.3020

 3.2658, 0.3362,
0.2296

298.8053, 0.3194,

 1.2720, 0.3415,

0.3036

0.2016

355.7329, 0.3190,
0.3050

0.1194, 0.3836,
0.0638

0.0000, 0.0000,
0.0000

58.6133, 0.3236,
0.2865

58.6133, 0.3236,
0.2865

49.1680, 0.3299,
0.2662

69.7279, 0.3181,
0.3067

41.3025, 0.3369,
0.2465

82.5801, 0.3134,
0.3262

34.9309, 0.3447,
0.2282

95.8898, 0.3094,
0.3426

29.9560, 0.3530,
0.2125

96.1999, 0.3065,
0.3375

■ 26.2689, 0.3616,
0.2002

■ 96.5187, 0.3036,
0.3324

■ 23.7445, 0.3702,
0.1923

■ 96.7401, 0.3017,
0.3290

■ 22.2330, 0.3786,
0.1892

■ 21.5405, 0.3854,
0.1897

Harmonies

Analogous

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



58.6133, 0.2876, 0.2722



58.6133, 0.3236, 0.2865



58.6133, 0.3584, 0.3106

Triad

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



58.6133, 0.3236, 0.2865



58.6133, 0.3664, 0.3888



58.6133, 0.2490, 0.3118

Complementary

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



58.6133, 0.3236, 0.2865



75.0260, 0.3034, 0.3756

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.



58.6133, 0.2678, 0.3466



58.6133, 0.3236, 0.2865



58.6133, 0.3351, 0.3933

Square

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



58.6133, 0.3236, 0.2865



58.6133, 0.3836, 0.3684



58.6133, 0.2990, 0.3778



58.6133, 0.2463, 0.2847

Rectangle

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



58.6133, 0.3236, 0.2865



58.6133, 0.3753, 0.3299



58.6133, 0.2990, 0.3778



58.6133, 0.2536, 0.3230

Sweetspot

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



58.6159, 0.3236, 0.2865



90.4131, 0.3154, 0.3174



53.0022, 0.2839, 0.2703



19.1387, 0.3157, 0.3162



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.



58.6159, 0.3236, 0.2865



63.8597, 0.3264, 0.2771



57.3569, 0.3434, 0.3124



15.2549, 0.3171, 0.3107



11.7834, 0.3842, 0.1890



0.9391, 0.3737, 0.1832

Inverse Universe

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



58.6159, 0.3236, 0.2865



63.8597, 0.3264, 0.2771



76.2519, 0.2892, 0.3463



15.2549, 0.3171, 0.3107



11.7834, 0.3842, 0.1890



0.9391, 0.3737, 0.1832

Previews

White Background



This preview shows how the Yxy color 58.6133, 0.3236, 0.2865 looks on a white background.

Color Contrast Check

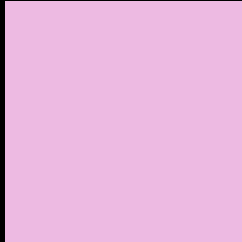
Large Text (above 18pt) WCAG AA × Fail

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 58.6133, 0.3236, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

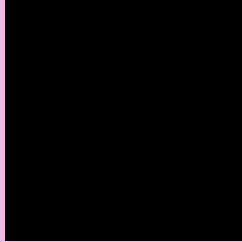
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6133, 0.3236, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 58.6133, 0.3236, 0.2865.



This preview shows how white text looks on a background with the Yxy color 58.6133, 0.3236, 0.2865.

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

58.6133, 0.3236, 0.2865

Protanopia

58.9088, 0.2851, 0.2888

Deuteranopia

58.7106, 0.3042, 0.2973



Tritanopia

58.7271, 0.3373, 0.3126

Trichromacy



Original Color

58.6133, 0.3236, 0.2865

Protanomaly

58.5580, 0.2978, 0.2875

Deuteranomaly

58.3512, 0.3105, 0.2924

Tritanomaly

58.8615, 0.3319, 0.3030

Monochromacy



Original Color

58.6133, 0.3236, 0.2865

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4027, 0.3166, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6133, 0.3236, 0.2865 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(237, 186, 226)` looks like.

```
.text, #text, p{  
    color:rgb(237, 186, 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(237, 186, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 186, 226) }
```

Border

The CSS property to change the border of an element to Yxy 58.6133, 0.3236, 0.2865 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(237, 186, 226) }
```

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

```
.border{ border-color:rgb(237, 186, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 186, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 186, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 186, 226);  
box-shadow:4px 4px 4px 4px rgb(237, 186,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6133, 0.3236, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 186, 226) }
```

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

```
.background{ background-color: rgb(237,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor