

Converting Colors

Yxy(58.1445, 0.3276, 0.2903)

Have a look what the booklet for
Yxy(58.1445, 0.3276, 0.2903)
contains.

Yxy(58.1490, 0.3276, 0.2896)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.1490, 0.3276, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	EEB9DE
RGB	238, 185, 222
RGB Percent	93%, 73%, 87%
CMY	0.0669, 0.2744, 0.1294
CMYK	0.00, 0.22, 0.07, 0.07
HSL	318°, 61%, 83%
HSV	318°, 22%, 93%
XYZ	65.7790, 58.1490, 76.8627
YIQ	205.0650, 19.7110, 22.7430

Conversions

Conversions Part 2

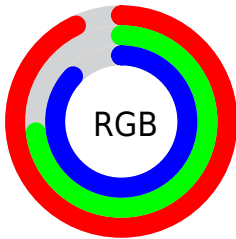
Format	Color
R _Y B	238, 185, 222
Decimal	15645150
CIE Lab	80.82, 24.93, -11.15
CIE LCh	81, 27.313, 335.914
Yxy	58.1490, 0.3276, 0.2896
Android (android.graphics.Color)	4293835230 (0xFFEEB9DE)
YUV	205.0650, 8.3490, 28.8840
Hunter-Lab	76.2555, 20.5295, -6.3833

Details

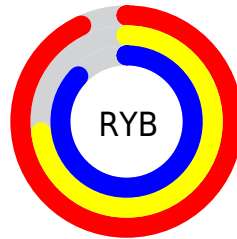
The Yxy color **58.1490, 0.3276, 0.2896** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.6499, 0.3005, 0.3720**, and the grayscale version is **61.0298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **29.2376, 0.3315, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **48.6369, 0.3362, 0.2713**, and if you desaturate by 10%, it is **69.3486, 0.3202, 0.3077**.

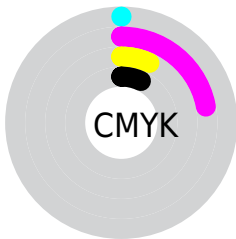
Distribution



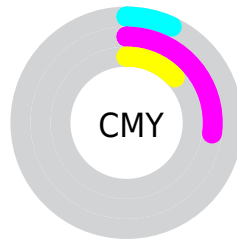
- Red (93%)
- Green (73%)
- Blue (87%)



- Red (93%)
- Yellow (73%)
- Blue (87%)



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





- Cyan (7%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1490, 0.3276, 0.2896 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 58.1490, 0.3276, 0.2896 by changing the saturation by 10% instead.


 58.1490, 0.3276,
0.2896

 58.1490, 0.3276,
0.2896


417.7409, 0.3207,
0.3079

 41.9284, 0.3292,
0.2854


 102.1398, 0.3252,
0.2960

 29.0453, 0.3311,
0.2802


130.6788, 0.3243,
0.2985

 19.1151, 0.3335,
0.2735


164.0928, 0.3235,
0.3006

 11.7535, 0.3367,
0.2649

202.7662, 0.3228,
0.3024

 6.5760, 0.3410,
0.2530

247.0833, 0.3222,
0.3041

 3.1984, 0.3472,
0.2358


297.4285, 0.3216,

 1.2362, 0.3566,


0.3055


0.2088


354.1862, 0.3212,
0.3068


 0.0910, 0.4177,
0.0546


 0.0000, 0.0000,
0.0000


 58.1490, 0.3276,
0.2896


 58.1490, 0.3276,
0.2896


 48.6369, 0.3362,
0.2713


 69.3486, 0.3202,
0.3077


 40.7216, 0.3459,
0.2534

 82.3052, 0.3140,
0.3252

 34.3155, 0.3569,
0.2369

 96.1892, 0.3087,
0.3404

 29.3193, 0.3689,
0.2228

 96.6321, 0.3047,
0.3332

■ 25.6221, 0.3815,
0.2122

■ 96.9074, 0.3023,
0.3290

■ 23.0959, 0.3945,
0.2061

■ 21.5866, 0.4073,
0.2050

■ 20.9295, 0.4169,
0.2070

Harmonies

Analogous

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



58.1490, 0.2919, 0.2743



58.1490, 0.3276, 0.2896



58.1490, 0.3608, 0.3142

Triad

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



58.1490, 0.3276, 0.2896



58.1490, 0.3623, 0.3890



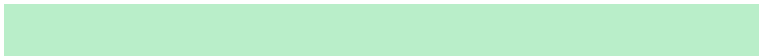
58.1490, 0.2491, 0.3086

Complementary

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



58.1490, 0.3276, 0.2896



75.6499, 0.3005, 0.3720

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.



58.1490, 0.2658, 0.3423



58.1490, 0.3276, 0.2896



58.1490, 0.3307, 0.3912

Square

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



58.1490, 0.3276, 0.2896



58.1490, 0.3812, 0.3705



58.1490, 0.2954, 0.3738



58.1490, 0.2483, 0.2833

Rectangle

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



58.1490, 0.3276, 0.2896



58.1490, 0.3761, 0.3333



58.1490, 0.2954, 0.3738



58.1490, 0.2530, 0.3193

Sweetspot

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



58.1516, 0.3276, 0.2896



88.7937, 0.3168, 0.3170



53.2843, 0.2867, 0.2688



18.8092, 0.3172, 0.3159



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.



58.1516, 0.3276, 0.2896



62.3961, 0.3316, 0.2807



56.8456, 0.3492, 0.3175



15.9455, 0.3184, 0.3126



11.7068, 0.4150, 0.2060



0.9914, 0.3996, 0.1975

Inverse Universe

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



58.1516, 0.3276, 0.2896



62.3961, 0.3316, 0.2807



77.0001, 0.2855, 0.3409



15.9455, 0.3184, 0.3126



11.7068, 0.4150, 0.2060



0.9914, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 58.1490, 0.3276, 0.2896 looks on a white background.

Color Contrast Check

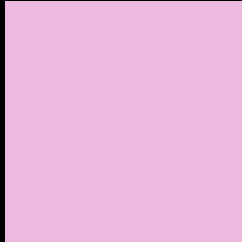
Large Text (above 18pt) WCAG AA × Fail

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 58.1490, 0.3276, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

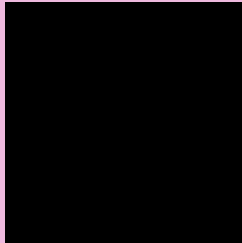
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1490, 0.3276, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 58.1490, 0.3276, 0.2896.



This preview shows how white text looks on a background with the Yxy color 58.1490, 0.3276, 0.2896.

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

58.1490, 0.3276, 0.2896

Protanopia

58.2185, 0.2876, 0.2920

Deuteranopia

58.1946, 0.3078, 0.3006



Tritanopia

57.9404, 0.3401, 0.3126

Trichromacy



Original Color

58.1490, 0.3276, 0.2896



Protanomaly

58.0339, 0.3014, 0.2907



Deuteranomaly

57.8542, 0.3143, 0.2956



Tritanomaly

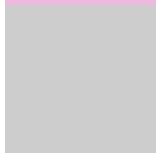
58.0267, 0.3354, 0.3041

Monochromacy



Original Color

58.1490, 0.3276, 0.2896



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.8430, 0.3181, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1490, 0.3276, 0.2896 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(238, 185, 222)` looks like.

```
.text, #text, p{  
    color:rgb(238, 185, 222)  
}
```

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(238, 185, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 185, 222) }
```

Border

The CSS property to change the border of an element to Yxy 58.1490, 0.3276, 0.2896 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(238, 185, 222) }
```

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

```
.border{ border-color:rgb(238, 185, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 185, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 185, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 185, 222);  
box-shadow:4px 4px 4px 4px rgb(238, 185,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1490, 0.3276, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 185, 222) }
```

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

```
.background{ background-color: rgb(238,  
185, 222) }
```

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