

Converting Colors

$Yxy(59.0252, 0.3328, 0.3097)$

Have a look what the booklet for
Yxy(59.0252, 0.3328, 0.3097)
contains.

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Color

Yxy(59.0209, 0.3324, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	E8BFD1
RGB	232, 191, 209
RGB Percent	91%, 75%, 82%
CMY	0.0900, 0.2510, 0.1804
CMYK	0.00, 0.18, 0.10, 0.09
HSL	334°, 47%, 83%
HSV	334°, 18%, 91%
XYZ	63.4289, 59.0209, 68.3711
YIQ	205.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

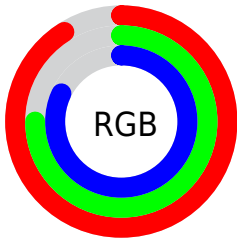
Format	Color
R _Y B	232, 191, 209
Decimal	15253457
CIE Lab	81.30, 17.53, -3.50
CIE LCh	81, 17.874, 348.706
Yxy	59.0209, 0.3324, 0.3093
Android (android.graphics.Color)	4293443537 (0xFFE8BFD1)
YUV	205.3110, 1.8187, 23.4063
Hunter-Lab	76.8251, 12.9306, 1.0119

Details

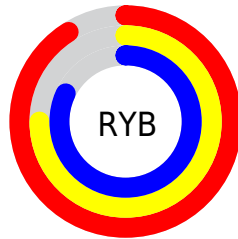
The Yxy color **59.0209, 0.3324, 0.3093** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6702, 0.2966, 0.3496**, and the grayscale version is **61.2417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **29.4880, 0.3370, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **49.0735, 0.3469, 0.2975**, and if you desaturate by 10%, it is **70.6296, 0.3204, 0.3207**.

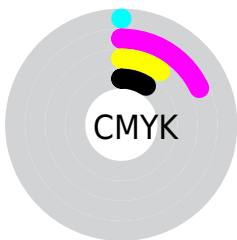
Distribution



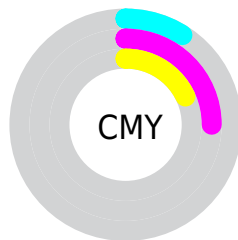
- Red (91%)
- Green (75%)
- Blue (82%)



- Red (91%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0209, 0.3324, 0.3093 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 59.0209, 0.3324, 0.3093 by changing the saturation by 10% instead.


 59.0209, 0.3324,
0.3093

 59.0209, 0.3324,
0.3093


420.9794, 0.3230,
0.3186

 42.6299, 0.3346,
0.3071


 103.4080, 0.3291,
0.3126

 29.5949, 0.3374,
0.3044


132.1730, 0.3278,
0.3138

 19.5313, 0.3410,
0.3009


165.8314, 0.3267,
0.3149

 12.0548, 0.3458,
0.2962

204.7677, 0.3258,
0.3159

 6.7810, 0.3526,
0.2897

249.3663, 0.3250,
0.3167

 3.3255, 0.3628,
0.2799

300.0115, 0.3242,

 1.3040, 0.3802,

0.3174

0.2637

357.0877, 0.3236,
0.3181

0.1443, 0.5085,
0.1298

0.0000, 0.0000,
0.0000

59.0209, 0.3324,
0.3093

59.0209, 0.3324,
0.3093

49.0735, 0.3469,
0.2975

70.6296, 0.3204,
0.3207

40.7029, 0.3642,
0.2856

83.9632, 0.3106,
0.3314

33.8291, 0.3847,
0.2744

95.4652, 0.3026,
0.3359

28.3618, 0.4084,
0.2647

95.9034, 0.2988,
0.3290

■ 24.2010, 0.4349,
0.2578

■ 21.2330, 0.4633,
0.2548

■ 19.3247, 0.4919,
0.2571

■ 18.2956, 0.5191,
0.2646

■ 18.1189, 0.5252,
0.2667

Harmonies

Analogous

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



59.0209, 0.3091, 0.2959



59.0209, 0.3324, 0.3093



59.0209, 0.3508, 0.3277

Triad

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



59.0209, 0.3324, 0.3093



59.0209, 0.3374, 0.3699



59.0209, 0.2689, 0.3082

Complementary

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



59.0209, 0.3324, 0.3093



73.6702, 0.2966, 0.3496

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.



59.0209, 0.2759, 0.3285



59.0209, 0.3324, 0.3093



59.0209, 0.3150, 0.3654

Square

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



59.0209, 0.3324, 0.3093



59.0209, 0.3535, 0.3628



59.0209, 0.2926, 0.3499



59.0209, 0.2731, 0.2946

Rectangle

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



59.0209, 0.3324, 0.3093



59.0209, 0.3574, 0.3408



59.0209, 0.2926, 0.3499



59.0209, 0.2700, 0.3145

Sweetspot

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



59.0235, 0.3324, 0.3093



91.6808, 0.3176, 0.3236



57.3169, 0.3005, 0.2832



19.3826, 0.3184, 0.3228



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.



59.0235, 0.3324, 0.3093



68.6766, 0.3370, 0.3053



59.0827, 0.3465, 0.3314



14.4725, 0.3224, 0.3187



10.0788, 0.5212, 0.2645



0.7632, 0.4848, 0.2444

Inverse Universe

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



59.0235, 0.3324, 0.3093



68.6766, 0.3370, 0.3053



73.4930, 0.2860, 0.3266



14.4725, 0.3224, 0.3187



10.0788, 0.5212, 0.2645



0.7632, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 59.0209, 0.3324, 0.3093 looks on a white background.

Color Contrast Check

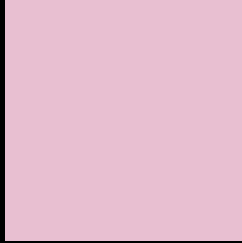
Large Text (above 18pt) WCAG AA × Fail

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 59.0209, 0.3324, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

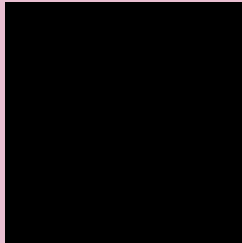
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0209, 0.3324, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 59.0209, 0.3324, 0.3093.



This preview shows how white text looks on a background with the Yxy color 59.0209, 0.3324, 0.3093.

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

59.0209, 0.3324, 0.3093

Protanopia

59.2361, 0.3036, 0.3127

Deuteranopia

59.0940, 0.3221, 0.3154



Tritanopia

58.8736, 0.3347, 0.3126

Trichromacy



Original Color

59.0209, 0.3324, 0.3093

Protanomaly

58.8827, 0.3136, 0.3108

Deuteranomaly

58.9849, 0.3263, 0.3134

Tritanomaly

58.9224, 0.3339, 0.3115

Monochromacy



Original Color

59.0209, 0.3324, 0.3093

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2119, 0.3201, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0209, 0.3324, 0.3093 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(232, 191, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 191, 209)  
}
```

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(232, 191, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 191, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.0209, 0.3324, 0.3093 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(232, 191, 209) }
```

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

```
.border{ border-color:rgb(232, 191, 209) }
```

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

Here you see how a box with a 4 pixel rgb(232, 191, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 191, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 191, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 191,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0209, 0.3324, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 191, 209) }
```

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

```
.background{ background-color: rgb(232,  
191, 209) }
```

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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