

Converting Colors

$Y_{xy}(57.9982, 0.3406, 0.3034)$

Have a look what the booklet for
Yxy(57.9982, 0.3406, 0.3034)
contains.

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Color

Yxy(58.0021, 0.3406, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	F1B9D1
RGB	241, 185, 209
RGB Percent	95%, 73%, 82%
CMY	0.0549, 0.2745, 0.1803
CMYK	0.00, 0.23, 0.13, 0.05
HSL	334°, 67%, 84%
HSV	334°, 23%, 95%
XYZ	65.1352, 58.0021, 68.0994
YIQ	204.4800, 25.6720, 19.3360

Conversions

Conversions Part 2

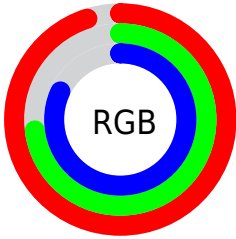
Format	Color
R _Y B	241, 185, 209
Decimal	15841745
CIE Lab	80.74, 23.84, -4.24
CIE LCh	81, 24.214, 349.905
Yxy	58.0021, 0.3406, 0.3033
Android (android.graphics.Color)	4294031825 (0xFFFF1B9D1)
YUV	204.4800, 2.2284, 32.0280
Hunter-Lab	76.1591, 19.3840, 0.2959

Details

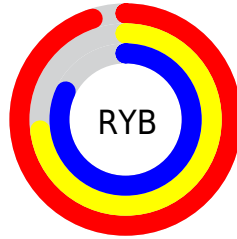
The Yxy color $58.0021, 0.3406, 0.3033$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.2338, 0.2914, 0.3563$, and the grayscale version is $60.6787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $29.0594, 0.3469, 0.2971$ is the 20% darker color. If you saturate the color by 10%, you get $48.1087, 0.3570, 0.2916$, and if you desaturate by 10%, it is $69.6686, 0.3270, 0.3147$.

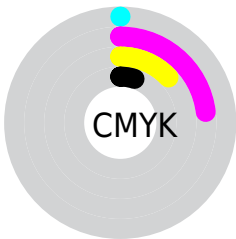
Distribution



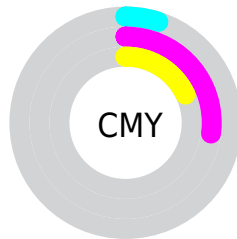
- Red (95%)
- Green (73%)
- Blue (82%)



- Red (95%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (23%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0021, 0.3406, 0.3033 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 58.0021, 0.3406, 0.3033 by changing the saturation by 10% instead.


 58.0021, 0.3406,
0.3033

 58.0021, 0.3406,
0.3033


417.1938, 0.3273,
0.3155

 41.8103, 0.3438,
0.3005


 101.9259, 0.3359,
0.3076

 28.9528, 0.3477,
0.2969


130.4268, 0.3341,
0.3092

 19.0451, 0.3528,
0.2923


163.7994, 0.3325,
0.3106

 11.7029, 0.3597,
0.2863

202.4283, 0.3312,
0.3119

 6.5417, 0.3693,
0.2778

246.6978, 0.3300,
0.3129

 3.1772, 0.3839,
0.2652

296.9922, 0.3290,

 1.2249, 0.4086,

0.3139

0.2446

353.6961, 0.3281,
0.3147

0.0819, 0.5851,
0.0726

0.0000, 0.0000,
0.0000

58.0021, 0.3406,
0.3033

58.0021, 0.3406,
0.3033

48.1087, 0.3570,
0.2916

69.6686, 0.3270,
0.3147

39.8930, 0.3765,
0.2803

83.1817, 0.3159,
0.3256

33.2624, 0.3993,
0.2700

97.1423, 0.3068,
0.3336

28.1120, 0.4252,
0.2619

97.4407, 0.3041,
0.3290

■ 24.3244, 0.4536,
0.2573

■ 21.7638, 0.4831,
0.2574

■ 20.2657, 0.5117,
0.2630

■ 19.6877, 0.5298,
0.2692

Harmonies

Analogous

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



58.0021, 0.3088, 0.2852



58.0021, 0.3406, 0.3033



58.0021, 0.3655, 0.3279

Triad

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



58.0021, 0.3406, 0.3033



58.0021, 0.3448, 0.3852



58.0021, 0.2537, 0.2993

Complementary

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



58.0021, 0.3406, 0.3033



78.2338, 0.2914, 0.3563

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.



58.0021, 0.2623, 0.3266



58.0021, 0.3406, 0.3033



58.0021, 0.3141, 0.3787

Square

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



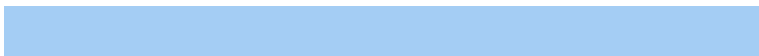
58.0021, 0.3406, 0.3033



58.0021, 0.3676, 0.3752



58.0021, 0.2841, 0.3566



58.0021, 0.2598, 0.2819

Rectangle

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



58.0021, 0.3406, 0.3033



58.0021, 0.3741, 0.3454



58.0021, 0.2841, 0.3566



58.0021, 0.2550, 0.3076

Sweetspot

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



58.0047, 0.3406, 0.3033



88.4961, 0.3199, 0.3216



55.7613, 0.2966, 0.2678



18.7402, 0.3205, 0.3209



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.



58.0047, 0.3406, 0.3033



60.2418, 0.3482, 0.2976



58.4855, 0.3599, 0.3332



15.8714, 0.3226, 0.3189



10.7021, 0.5258, 0.2670



0.9099, 0.4923, 0.2486

Inverse Universe

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



58.0047, 0.3406, 0.3033



60.2418, 0.3482, 0.2976



77.3885, 0.2780, 0.3248



15.8714, 0.3226, 0.3189



10.7021, 0.5258, 0.2670



0.9099, 0.4923, 0.2486

Previews

White Background



This preview shows how the Yxy color 58.0021, 0.3406, 0.3033 looks on a white background.

Color Contrast Check

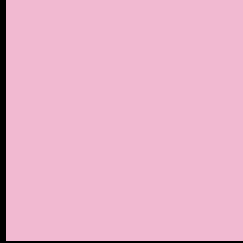
Large Text (above 18pt) WCAG AA × Fail

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 58.0021, 0.3406, 0.3033 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 58.0021, 0.3406, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 58.0021, 0.3406, 0.3033.



This preview shows how white text looks on a background with the Yxy color 58.0021, 0.3406, 0.3033.

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

58.0021, 0.3406, 0.3033

Protanopia

58.0509, 0.2993, 0.3068

Deuteranopia

58.2869, 0.3213, 0.3154



Tritanopia

57.8601, 0.3462, 0.3128

Trichromacy



Original Color

58.0021, 0.3406, 0.3033

Protanomaly

57.7860, 0.3130, 0.3051

Deuteranomaly

57.9844, 0.3282, 0.3101

Tritanomaly

58.0027, 0.3438, 0.3096

Monochromacy



Original Color

58.0021, 0.3406, 0.3033

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.1404, 0.3219, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0021, 0.3406, 0.3033 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(241, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(241, 185, 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(241, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 185, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.0021, 0.3406, 0.3033 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(241, 185, 209) }
```

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

```
.border{ border-color:rgb(241, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(241, 185,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0021, 0.3406, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 185, 209) }
```

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

```
.background{ background-color: rgb(241,  
185, 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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