

Converting Colors

Yxy(58.8015, 0.3376, 0.3004)

Have a look what the booklet for
Yxy(58.8015, 0.3376, 0.3004)
contains.

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Color

Yxy(58.7992, 0.3380, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	F2BAD5
RGB	242, 186, 213
RGB Percent	95%, 73%, 84%
CMY	0.0511, 0.2705, 0.1646
CMYK	0.00, 0.23, 0.12, 0.05
HSL	331°, 68%, 84%
HSV	331°, 23%, 95%
XYZ	66.1809, 58.7992, 70.8214
YIQ	205.8220, 24.7090, 20.2690

Conversions

Conversions Part 2

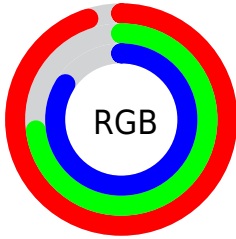
Format	Color
R _Y B	242, 186, 213
Decimal	15907541
CIE Lab	81.18, 24.28, -5.73
CIE LCh	81, 24.951, 346.717
Yxy	58.7992, 0.3380, 0.3003
Android (android.graphics.Color)	4294097621 (0xFFF2BAD5)
YUV	205.8220, 3.5388, 31.7281
Hunter-Lab	76.6806, 19.8673, -1.0832

Details

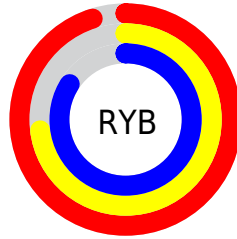
The Yxy color **58.7992, 0.3380, 0.3003** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.8331, 0.2932, 0.3597**, and the grayscale version is **61.5678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **29.2854, 0.3446, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **48.8425, 0.3527, 0.2872**, and if you desaturate by 10%, it is **70.5366, 0.3257, 0.3131**.

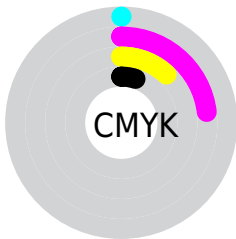
Distribution



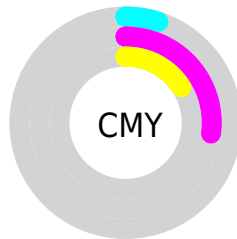
- Red (95%)
- Green (73%)
- Blue (84%)



- Red (95%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7992, 0.3380, 0.3003 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 58.7992, 0.3380, 0.3003 by changing the saturation by 10% instead.


 58.7992, 0.3380,
0.3003

 58.7992, 0.3380,
0.3003


420.1574, 0.3260,
0.3138

 42.4515, 0.3408,
0.2972


 103.0858, 0.3338,
0.3050

 29.4550, 0.3443,
0.2933


131.7934, 0.3322,
0.3068

 19.4253, 0.3489,
0.2883


165.3898, 0.3308,
0.3084

 11.9780, 0.3549,
0.2817

204.2594, 0.3296,
0.3098

 6.7287, 0.3634,
0.2726

248.7866, 0.3285,
0.3110

 3.2930, 0.3761,
0.2591

299.3557, 0.3276,

 1.2866, 0.3971,

0.3120

0.2374

356.3512, 0.3267,
0.3130

0.1308, 0.5155,
0.0940

0.0000, 0.0000,
0.0000

58.7992, 0.3380,
0.3003

58.7992, 0.3380,
0.3003

48.8425, 0.3527,
0.2872

70.5366, 0.3257,
0.3131

40.5706, 0.3702,
0.2745

84.1285, 0.3155,
0.3253

33.8904, 0.3905,
0.2629

97.3307, 0.3072,
0.3333

28.6967, 0.4135,
0.2535

97.6121, 0.3047,
0.3290

■ 24.8714, 0.4386,
0.2477

■ 22.2782, 0.4646,
0.2466

■ 20.7518, 0.4902,
0.2510

■ 20.1507, 0.5071,
0.2567

Harmonies

Analogous

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



58.7992, 0.3052, 0.2827



58.7992, 0.3380, 0.3003



58.7992, 0.3648, 0.3249

Triad

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



58.7992, 0.3380, 0.3003



58.7992, 0.3486, 0.3863



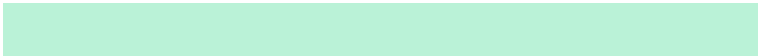
58.7992, 0.2525, 0.3011

Complementary

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



58.7992, 0.3380, 0.3003



78.8331, 0.2932, 0.3597

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.



58.7992, 0.2629, 0.3298



58.7992, 0.3380, 0.3003



58.7992, 0.3176, 0.3816

Square

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



58.7992, 0.3380, 0.3003



58.7992, 0.3707, 0.3744



58.7992, 0.2863, 0.3603



58.7992, 0.2572, 0.2820

Rectangle

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



58.7992, 0.3380, 0.3003



58.7992, 0.3749, 0.3429



58.7992, 0.2863, 0.3603



58.7992, 0.2543, 0.3099

Sweetspot

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



58.8018, 0.3380, 0.3003



88.5545, 0.3193, 0.3207



55.9699, 0.2945, 0.2677



18.7538, 0.3199, 0.3199



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.



58.8018, 0.3380, 0.3003



60.4397, 0.3450, 0.2938



57.9371, 0.3603, 0.3302



15.8859, 0.3218, 0.3177



10.8554, 0.5032, 0.2546



0.9231, 0.4729, 0.2379

Inverse Universe

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



58.8018, 0.3380, 0.3003



60.4397, 0.3450, 0.2938



79.7836, 0.2784, 0.3279



15.8859, 0.3218, 0.3177



10.8554, 0.5032, 0.2546



0.9231, 0.4729, 0.2379

Previews

White Background



This preview shows how the Yxy color 58.7992, 0.3380, 0.3003 looks on a white background.

Color Contrast Check

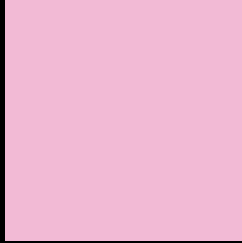
Large Text (above 18pt) WCAG AA × Fail

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 58.7992, 0.3380, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

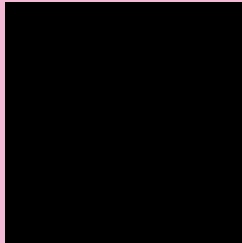
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7992, 0.3380, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 58.7992, 0.3380, 0.3003.



This preview shows how white text looks on a background with the Yxy color 58.7992, 0.3380, 0.3003.

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

58.7992, 0.3380, 0.3003

Protanopia

59.3266, 0.2973, 0.3047

Deuteranopia

58.9347, 0.3183, 0.3120



Tritanopia

58.9315, 0.3459, 0.3140

Trichromacy



Original Color

58.7992, 0.3380, 0.3003

Protanomaly

59.0414, 0.3108, 0.3031

Deuteranomaly

58.6215, 0.3250, 0.3068

Tritanomaly

58.6977, 0.3428, 0.3087

Monochromacy



Original Color

58.7992, 0.3380, 0.3003

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.5104, 0.3211, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7992, 0.3380, 0.3003 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(242, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 213)  
}
```

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(242, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 213) }
```

Border

The CSS property to change the border of an element to Yxy 58.7992, 0.3380, 0.3003 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(242, 186, 213) }
```

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

```
.border{ border-color:rgb(242, 186, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 186, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 213);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7992, 0.3380, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 213) }
```

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

```
.background{ background-color: rgb(242,  
186, 213) }
```

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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