

Converting Colors

Yxy(58.4815, 0.3240, 0.2913)

Have a look what the booklet for
Yxy(58.4815, 0.3240, 0.2913)
contains.

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Color

Yxy(58.3070, 0.3242, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	EABBDE
RGB	234, 187, 222
RGB Percent	92%, 73%, 87%
CMY	0.0823, 0.2667, 0.1293
CMYK	0.00, 0.20, 0.05, 0.08
HSL	315°, 53%, 83%
HSV	315°, 20%, 92%
XYZ	64.8923, 58.3070, 76.9620
YIQ	205.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

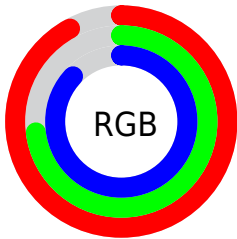
Format	Color
RYB	234, 187, 222
Decimal	15383518
CIELab	80.91, 22.56, -11.07
CIELCh	81, 25.131, 333.860
Yxy	58.3070, 0.3242, 0.2913
Android (android.graphics.Color)	4293573598 (0xFFEABBDE)
YUV	205.0430, 8.3598, 25.3953
Hunter-Lab	76.3590, 18.0667, -6.3069

Details

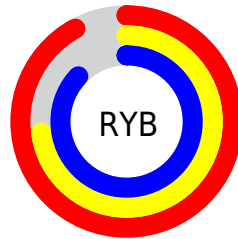
The Yxy color **58.3070, 0.3242, 0.2913** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5389, 0.3029, 0.3699**, and the grayscale version is **61.0197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **29.0301, 0.3270, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **48.8624, 0.3313, 0.2719**, and if you desaturate by 10%, it is **69.3858, 0.3180, 0.3104**.

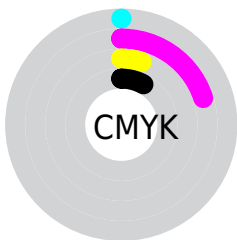
Distribution



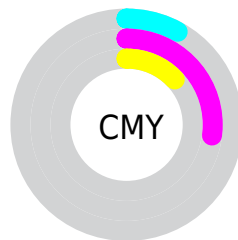
- Red (92%)
- Green (73%)
- Blue (87%)



- Red (92%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3070, 0.3242, 0.2913 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 58.3070, 0.3242, 0.2913 by changing the saturation by 10% instead.

 58.3070, 0.3242,
0.2913

 58.3070, 0.3242,
0.2913


418.3289, 0.3189,
0.3089

 42.0555, 0.3254,
0.2873

 102.3698, 0.3224,
0.2974

 29.1448, 0.3268,
0.2822


130.9499, 0.3217,
0.2998

 19.1904, 0.3287,
0.2759


164.4083, 0.3211,
0.3018

 11.8079, 0.3311,
0.2675

203.1294, 0.3205,
0.3036

 6.6130, 0.3343,
0.2561

247.4976, 0.3201,
0.3052

 3.2213, 0.3388,
0.2394

297.8974, 0.3196,

 1.2483, 0.3455,

0.3065

0.2133

354.7130, 0.3193,
0.3078

0.1007, 0.3964,
0.0617

0.0000, 0.0000,
0.0000

58.3070, 0.3242,
0.2913

58.3070, 0.3242,
0.2913

48.8624, 0.3313,
0.2719

69.3858, 0.3180,
0.3104

40.9660, 0.3394,
0.2529

82.1642, 0.3128,
0.3288

34.5354, 0.3484,
0.2351

95.3008, 0.3084,
0.3441

29.4776, 0.3582,
0.2196

95.6609, 0.3050,
0.3380

■ 25.6889, 0.3686,
0.2073

■ 96.0328, 0.3017,
0.3321

■ 23.0506, 0.3791,
0.1994

■ 96.2343, 0.2999,
0.3290

■ 21.4217, 0.3894,
0.1962

■ 20.5650, 0.3994,
0.1974

Harmonies

Analogous

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



58.3070, 0.2915, 0.2778



58.3070, 0.3242, 0.2913



58.3070, 0.3551, 0.3137

Triad

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



58.3070, 0.3242, 0.2913



58.3070, 0.3601, 0.3835



58.3070, 0.2546, 0.3124

Complementary

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



58.3070, 0.3242, 0.2913



73.5389, 0.3029, 0.3699

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.



58.3070, 0.2711, 0.3435



58.3070, 0.3242, 0.2913



58.3070, 0.3316, 0.3864

Square

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



58.3070, 0.3242, 0.2913



58.3070, 0.3762, 0.3659



58.3070, 0.2990, 0.3716



58.3070, 0.2528, 0.2883

Rectangle

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



58.3070, 0.3242, 0.2913



58.3070, 0.3698, 0.3313



58.3070, 0.2990, 0.3716



58.3070, 0.2586, 0.3224

Sweetspot

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



58.3096, 0.3242, 0.2913



90.3751, 0.3158, 0.3180



53.5890, 0.2878, 0.2749



19.1297, 0.3161, 0.3168



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.



58.3096, 0.3242, 0.2913



66.0105, 0.3269, 0.2835



57.1460, 0.3429, 0.3161



15.2444, 0.3177, 0.3116



11.5766, 0.3979, 0.1965



0.9244, 0.3849, 0.1894

Inverse Universe

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



58.3096, 0.3242, 0.2913



66.0105, 0.3269, 0.2835



74.7041, 0.2893, 0.3423



15.2444, 0.3177, 0.3116



11.5766, 0.3979, 0.1965



0.9244, 0.3849, 0.1894

Previews

White Background



This preview shows how the Yxy color 58.3070, 0.3242, 0.2913 looks on a white background.

Color Contrast Check

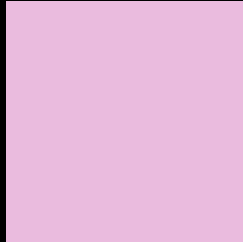
Large Text (above 18pt) WCAG AA × Fail

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 58.3070, 0.3242, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

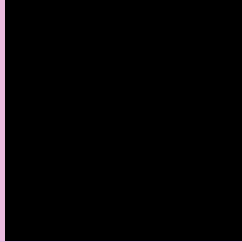
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3070, 0.3242, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 58.3070, 0.3242, 0.2913.



This preview shows how white text looks on a background with the Yxy color 58.3070, 0.3242, 0.2913.

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

58.3070, 0.3242, 0.2913

Protanopia

58.7575, 0.2891, 0.2943

Deuteranopia

58.6442, 0.3078, 0.3018



Tritanopia

58.3905, 0.3357, 0.3125

Trichromacy



Original Color

58.3070, 0.3242, 0.2913

Protanomaly

58.2779, 0.3013, 0.2929

Deuteranomaly

58.5760, 0.3134, 0.2978

Tritanomaly

58.4220, 0.3318, 0.3050

Monochromacy



Original Color

58.3070, 0.3242, 0.2913

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.6902, 0.3173, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3070, 0.3242, 0.2913 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(234, 187, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 187, 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(234, 187, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 187, 222) }
```

Border

The CSS property to change the border of an element to Yxy 58.3070, 0.3242, 0.2913 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(234, 187, 222) }
```

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

```
.border{ border-color:rgb(234, 187, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 187, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 187, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 187, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 187,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3070, 0.3242, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 187, 222) }
```

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

```
.background{ background-color: rgb(234,  
187, 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](#).

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