

Converting Colors

Yxy(58.4711, 0.3218, 0.2893)

Have a look what the booklet for
Yxy(58.4711, 0.3218, 0.2893)
contains.

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Color

Yxy(58.2461, 0.3219, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	E9BBE0
RGB	233, 187, 224
RGB Percent	91%, 73%, 88%
CMY	0.0862, 0.2667, 0.1217
CMYK	0.00, 0.20, 0.04, 0.09
HSL	312°, 51%, 82%
HSV	312°, 20%, 91%
XYZ	64.8320, 58.2461, 78.3261
YIQ	204.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

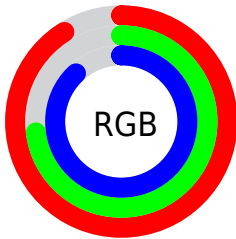
Format	Color
R _Y B	233, 187, 224
Decimal	15317984
CIE Lab	80.88, 22.57, -12.18
CIE LCh	81, 25.645, 331.653
Yxy	58.2461, 0.3219, 0.2892
Android (android.graphics.Color)	4293508064 (0xFFE9BBE0)
YUV	204.9720, 9.3808, 24.5806
Hunter-Lab	76.3191, 18.0747, -7.4258

Details

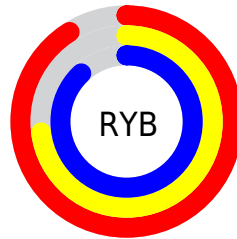
The Yxy color $58.2461, 0.3219, 0.2892$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $72.8452, 0.3047, 0.3724$, and the grayscale version is $60.9655, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $29.2619, 0.3237, 0.2801$ is the 20% darker color. If you saturate the color by 10%, you get $48.9054, 0.3276, 0.2685$, and if you desaturate by 10%, it is $69.2028, 0.3169, 0.3097$.

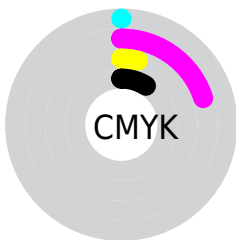
Distribution



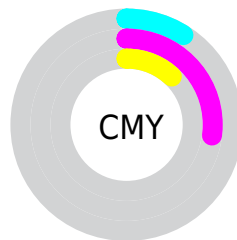
- Red (91%)
- Green (73%)
- Blue (88%)



- Red (91%)
- Yellow (73%)
- Blue (88%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2461, 0.3219, 0.2892 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 58.2461, 0.3219, 0.2892 by changing the saturation by 10% instead.


 58.2461, 0.3219,
0.2892

 58.2461, 0.3219,
0.2892


418.1023, 0.3178,
0.3077

 42.0065, 0.3228,
0.2849


 102.2812, 0.3205,
0.2956

 29.1064, 0.3239,
0.2797


130.8454, 0.3199,
0.2981

 19.1613, 0.3253,
0.2730


164.2867, 0.3195,
0.3003

 11.7869, 0.3271,
0.2642

202.9894, 0.3190,
0.3022

 6.5987, 0.3294,
0.2522

247.3379, 0.3187,
0.3038

 3.2125, 0.3325,
0.2349

297.7167, 0.3183,

 1.2436, 0.3368,

0.3053

0.2077

354.5100, 0.3180,
0.3066

0.0969, 0.3790,
0.0571

0.0000, 0.0000,
0.0000

58.2461, 0.3219,
0.2892

58.2461, 0.3219,
0.2892

48.9054, 0.3276,
0.2685

69.2028, 0.3169,
0.3097

41.0958, 0.3339,
0.2482

81.8399, 0.3126,
0.3295

34.7361, 0.3409,
0.2293

95.0048, 0.3090,
0.3463

29.7345, 0.3484,
0.2128

95.2773, 0.3064,
0.3417

■ 25.9890, 0.3561,
0.1996

■ 95.5567, 0.3038,
0.3370

■ 23.3827, 0.3639,
0.1906

■ 95.8431, 0.3013,
0.3325

■ 21.7771, 0.3715,
0.1862

■ 96.0680, 0.2994,
0.3290

■ 20.9414, 0.3787,
0.1861

■ 20.9240, 0.3789,
0.1861

Harmonies

Analogous

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



58.2461, 0.2888, 0.2763



58.2461, 0.3219, 0.2892



58.2461, 0.3539, 0.3114

Triad

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



58.2461, 0.3219, 0.2892



58.2461, 0.3628, 0.3837



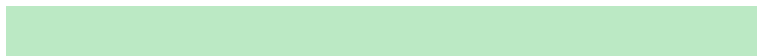
58.2461, 0.2542, 0.3142

Complementary

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



58.2461, 0.3219, 0.2892



72.8452, 0.3047, 0.3724

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.



58.2461, 0.2720, 0.3461



58.2461, 0.3219, 0.2892



58.2461, 0.3343, 0.3881

Square

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



58.2461, 0.3219, 0.2892



58.2461, 0.3781, 0.3649



58.2461, 0.3011, 0.3742



58.2461, 0.2512, 0.2888

Rectangle

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



58.2461, 0.3219, 0.2892



58.2461, 0.3697, 0.3293



58.2461, 0.3011, 0.3742



58.2461, 0.2586, 0.3245

Sweetspot

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



58.2487, 0.3219, 0.2892



90.4313, 0.3152, 0.3172



53.0855, 0.2860, 0.2756



19.1430, 0.3155, 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.



58.2487, 0.3219, 0.2892



66.2233, 0.3243, 0.2801



57.1125, 0.3397, 0.3130



15.2600, 0.3168, 0.3103



11.8876, 0.3778, 0.1855



0.9464, 0.3685, 0.1803

Inverse Universe

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



58.2487, 0.3219, 0.2892



66.2233, 0.3243, 0.2801



73.9429, 0.2915, 0.3457



15.2600, 0.3168, 0.3103



11.8876, 0.3778, 0.1855



0.9464, 0.3685, 0.1803

Previews

White Background



This preview shows how the Yxy color 58.2461, 0.3219, 0.2892 looks on a white background.

Color Contrast Check

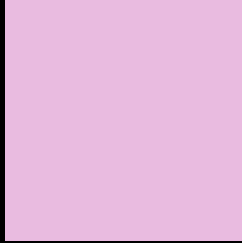
Large Text (above 18pt) WCAG AA × Fail

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 58.2461, 0.3219, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

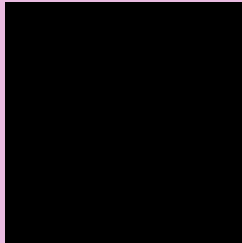
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2461, 0.3219, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 58.2461, 0.3219, 0.2892.



This preview shows how white text looks on a background with the Yxy color 58.2461, 0.3219, 0.2892.

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

58.2461, 0.3219, 0.2892

Protanopia

58.2751, 0.2870, 0.2909

Deuteranopia

58.6027, 0.3056, 0.2995



Tritanopia

58.0577, 0.3340, 0.3124

Trichromacy



Original Color

58.2461, 0.3219, 0.2892

Protanomaly

58.2427, 0.2992, 0.2906

Deuteranomaly

58.5277, 0.3111, 0.2956

Tritanomaly

58.1376, 0.3294, 0.3038

Monochromacy



Original Color

58.2461, 0.3219, 0.2892

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.5887, 0.3158, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2461, 0.3219, 0.2892 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(233, 187, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 187, 224)  
}
```

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(233, 187, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 187, 224) }
```

Border

The CSS property to change the border of an element to Yxy 58.2461, 0.3219, 0.2892 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(233, 187, 224) }
```

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

```
.border{ border-color:rgb(233, 187, 224) }
```

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

Here you see how a box with a 4 pixel rgb(233, 187, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 187, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 187, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 187,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2461, 0.3219, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 187, 224) }
```

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

```
.background{ background-color: rgb(233,  
187, 224) }
```

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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