

Converting Colors

Yxy(57.4706, 0.3175, 0.2798)

Have a look what the booklet for
Yxy(57.4706, 0.3175, 0.2798)
contains.

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Color

Yxy(57.3178, 0.3174, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	E9B8E6
RGB	233, 184, 230
RGB Percent	91%, 72%, 90%
CMY	0.0864, 0.2784, 0.0980
CMYK	0.00, 0.21, 0.01, 0.09
HSL	304°, 53%, 82%
HSV	304°, 21%, 91%
XYZ	65.0203, 57.3178, 82.5147
YIQ	203.8950, 14.4380, 24.6940

Conversions

Conversions Part 2

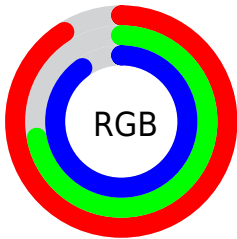
Format	Color
R _Y B	233, 184, 230
Decimal	15317222
CIE Lab	80.36, 25.23, -16.21
CIE LCh	80, 29.984, 327.279
Yxy	57.3178, 0.3174, 0.2798
Android (android.graphics.Color)	4293507302 (0xFFE9B8E6)
YUV	203.8950, 12.8698, 25.5251
Hunter-Lab	75.7085, 20.8101, -11.6242

Details

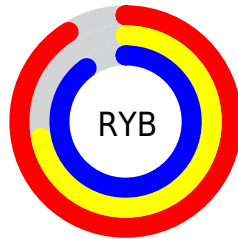
The Yxy color **57.3178, 0.3174, 0.2798** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.0346, 0.3082, 0.3837**, and the grayscale version is **60.2246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **28.6357, 0.3188, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **48.3461, 0.3199, 0.2562**, and if you desaturate by 10%, it is **67.8889, 0.3151, 0.3035**.

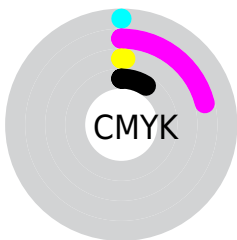
Distribution



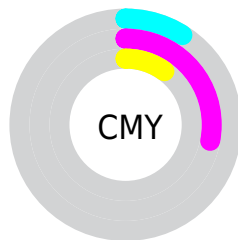
- Red (91%)
- Green (72%)
- Blue (90%)



- Red (91%)
- Yellow (72%)
- Blue (90%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3178, 0.3174, 0.2798 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 57.3178, 0.3174, 0.2798 by changing the saturation by 10% instead.


 57.3178, 0.3174,
0.2798

 57.3178, 0.3174,
0.2798

414.6391, 0.3155,
0.3026

 41.2604, 0.3177,
0.2746


 100.9288, 0.3168,
0.2877

 28.5226, 0.3181,
0.2682


129.2511, 0.3166,
0.2908

 18.7200, 0.3185,
0.2601


162.4307, 0.3164,
0.2934

 11.4681, 0.3190,
0.2495

200.8517, 0.3162,
0.2957

 6.3826, 0.3193,
0.2352

244.8987, 0.3160,
0.2978

 3.0791, 0.3193,
0.2147

294.9560, 0.3158,

 1.1732, 0.3181,

0.2995

0.1834

351.4080, 0.3157,
0.3011

0.0396, 0.3466,
0.0210

0.0000, 0.0000,
0.0000

57.3178, 0.3174,
0.2798

57.3178, 0.3174,
0.2798

48.3461, 0.3199,
0.2562

67.8889, 0.3151,
0.3035

40.8884, 0.3226,
0.2335

80.1244, 0.3129,
0.3267

34.8626, 0.3253,
0.2127

94.0949, 0.3110,
0.3488

30.1759, 0.3280,
0.1947

94.8711, 0.3102,
0.3485

■ 26.7249, 0.3306,
0.1805

■ 94.9525, 0.3094,
0.3471

■ 24.3905, 0.3330,
0.1705

■ 95.0347, 0.3086,
0.3456

■ 23.0309, 0.3351,
0.1649

■ 95.1174, 0.3078,
0.3442

■ 22.4300, 0.3368,
0.1629

■ 95.2008, 0.3070,
0.3428

■ 95.2848, 0.3062,
0.3414

Harmonies

Analogous

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



57.3178, 0.2795, 0.2667



57.3178, 0.3174, 0.2798



57.3178, 0.3562, 0.3041

Triad

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



57.3178, 0.3174, 0.2798



57.3178, 0.3751, 0.3906



57.3178, 0.2464, 0.3164

Complementary

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



57.3178, 0.3174, 0.2798



72.0346, 0.3082, 0.3837

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.



57.3178, 0.2692, 0.3546



57.3178, 0.3174, 0.2798



57.3178, 0.3432, 0.3994

Square

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



57.3178, 0.3174, 0.2798



57.3178, 0.3905, 0.3662



57.3178, 0.3043, 0.3864



57.3178, 0.2405, 0.2851

Rectangle

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



57.3178, 0.3174, 0.2798



57.3178, 0.3764, 0.3243



57.3178, 0.3043, 0.3864



57.3178, 0.2523, 0.3289

Sweetspot

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



57.3203, 0.3174, 0.2798



90.5646, 0.3140, 0.3152



50.6673, 0.2792, 0.2710



19.1746, 0.3141, 0.3137



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.



57.3203, 0.3174, 0.2798



65.6066, 0.3184, 0.2700



56.0642, 0.3364, 0.3048



15.2972, 0.3147, 0.3072



12.7388, 0.3365, 0.1628



1.0051, 0.3342, 0.1615

Inverse Universe

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



57.3203, 0.3174, 0.2798



65.6066, 0.3184, 0.2700



73.1485, 0.2940, 0.3546



15.2972, 0.3147, 0.3072



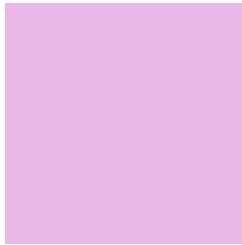
12.7388, 0.3365, 0.1628



1.0051, 0.3342, 0.1615

Previews

White Background



This preview shows how the Yxy color 57.3178, 0.3174, 0.2798 looks on a white background.

Color Contrast Check

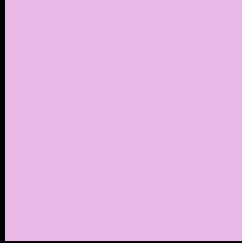
Large Text (above 18pt) WCAG AA × Fail

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 57.3178, 0.3174, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

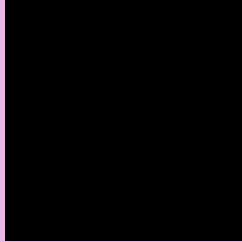
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3178, 0.3174, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 57.3178, 0.3174, 0.2798.



This preview shows how white text looks on a background with the Yxy color 57.3178, 0.3174, 0.2798.

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

57.3178, 0.3174, 0.2798

Protanopia

57.6965, 0.2797, 0.2818

Deuteranopia

57.7535, 0.2976, 0.2914



Tritanopia

57.3650, 0.3349, 0.3135

Trichromacy



Original Color

57.3178, 0.3174, 0.2798

Protanomaly

57.3179, 0.2921, 0.2806

Deuteranomaly

57.5177, 0.3045, 0.2867

Tritanomaly

57.1677, 0.3280, 0.3004

Monochromacy



Original Color

57.3178, 0.3174, 0.2798

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.1837, 0.3151, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3178, 0.3174, 0.2798 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, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(233, 184, 230)  
}
```

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, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 184, 230) }
```

Border

The CSS property to change the border of an element to Yxy 57.3178, 0.3174, 0.2798 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, 184, 230) }
```

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

```
.border{ border-color:rgb(233, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 184,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3178, 0.3174, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 184, 230) }
```

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

```
.background{ background-color: rgb(233,  
184, 230) }
```

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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