

Converting Colors

Yxy(55.5864, 0.3255, 0.2803)

Have a look what the booklet for
Yxy(55.5864, 0.3255, 0.2803)
contains.

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Color

Yxy(55.6265, 0.3258, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	EDB3E0
RGB	237, 179, 224
RGB Percent	93%, 70%, 88%
CMY	0.0706, 0.2980, 0.1217
CMYK	0.00, 0.24, 0.05, 0.07
HSL	313°, 62%, 82%
HSV	313°, 24%, 93%
XYZ	64.4951, 55.6265, 77.8375
YIQ	201.4720, 20.1230, 26.2910

Conversions

Conversions Part 2

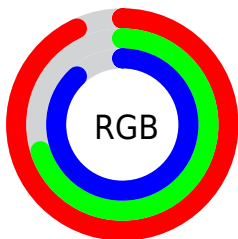
Format	Color
R _Y B	237, 179, 224
Decimal	15578080
CIE Lab	79.40, 28.16, -14.35
CIE LCh	79, 31.605, 333.006
Yxy	55.6265, 0.3258, 0.2810
Android (android.graphics.Color)	4293768160 (0xFFEDB3E0)
YUV	201.4720, 11.1063, 31.1581
Hunter-Lab	74.5832, 23.8356, -9.6688

Details

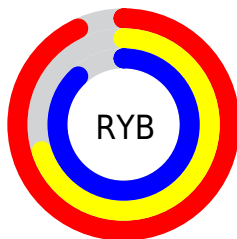
The Yxy color **55.6265, 0.3258, 0.2810** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.9584, 0.3019, 0.3823**, and the grayscale version is **58.6379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **27.4896, 0.3278, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **46.6465, 0.3326, 0.2610**, and if you desaturate by 10%, it is **66.2531, 0.3199, 0.3011**.

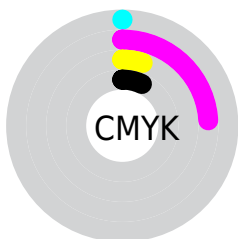
Distribution



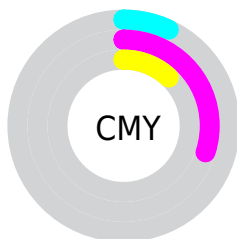
- Red (93%)
- Green (70%)
- Blue (88%)



- Red (93%)
- Yellow (70%)
- Blue (88%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (7%)




- Cyan (7%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6265, 0.3258, 0.2810 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 55.6265, 0.3258, 0.2810 by changing the saturation by 10% instead.


 55.6265, 0.3258,
0.2810

 55.6265, 0.3258,
0.2810


408.2824, 0.3199,
0.3033

 39.9035, 0.3271,
0.2759

 98.4583, 0.3238,
0.2888

 27.4633, 0.3287,
0.2695


126.3359, 0.3230,
0.2918

 17.9215, 0.3307,
0.2615


159.0338, 0.3223,
0.2944

 10.8937, 0.3333,
0.2510

196.9365, 0.3217,
0.2966

 5.9954, 0.3366,
0.2366

240.4283, 0.3212,
0.2986

 2.8423, 0.3411,
0.2159

289.8936, 0.3207,

 1.0499, 0.3474,

0.3004

0.1839

345.7169, 0.3203,
0.3019

0.0000, 0.4015,
0.0000

0.0000, 0.0000,
0.0000

55.6265, 0.3258,
0.2810

55.6265, 0.3258,
0.2810

46.6465, 0.3326,
0.2610

66.2531, 0.3199,
0.3011

39.2220, 0.3401,
0.2418

78.5964, 0.3148,
0.3206

33.2647, 0.3484,
0.2243

92.7315, 0.3104,
0.3392

28.6741, 0.3571,
0.2096

96.1326, 0.3072,
0.3386

■ 25.3371, 0.3662,
0.1987

■ 96.4629, 0.3042,
0.3333

■ 23.1225, 0.3752,
0.1924

■ 96.7438, 0.3017,
0.3290

■ 21.8699, 0.3839,
0.1908

■ 21.4545, 0.3886,
0.1914

Harmonies

Analogous

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



55.6265, 0.2844, 0.2646



55.6265, 0.3258, 0.2810



55.6265, 0.3659, 0.3084

Triad

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



55.6265, 0.3258, 0.2810



55.6265, 0.3736, 0.3978



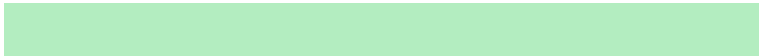
55.6265, 0.2398, 0.3081

Complementary

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



55.6265, 0.3258, 0.2810



73.9584, 0.3019, 0.3823

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.



55.6265, 0.2606, 0.3484



55.6265, 0.3258, 0.2810



55.6265, 0.3373, 0.4034

Square

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



55.6265, 0.3258, 0.2810



55.6265, 0.3941, 0.3741



55.6265, 0.2959, 0.3852



55.6265, 0.2371, 0.2775

Rectangle

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



55.6265, 0.3258, 0.2810



55.6265, 0.3853, 0.3302



55.6265, 0.2959, 0.3852



55.6265, 0.2448, 0.3210

Sweetspot

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



55.6290, 0.3258, 0.2810



88.8797, 0.3160, 0.3156



49.5102, 0.2800, 0.2614



18.8291, 0.3163, 0.3145



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.



55.6290, 0.3258, 0.2810



60.5240, 0.3288, 0.2717



54.2088, 0.3497, 0.3110



15.2525, 0.3172, 0.3109



11.7345, 0.3873, 0.1907



0.9356, 0.3762, 0.1846

Inverse Universe

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



55.6290, 0.3258, 0.2810



60.5240, 0.3288, 0.2717



75.3484, 0.2856, 0.3479



15.2525, 0.3172, 0.3109



11.7345, 0.3873, 0.1907



0.9356, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 55.6265, 0.3258, 0.2810 looks on a white background.

Color Contrast Check

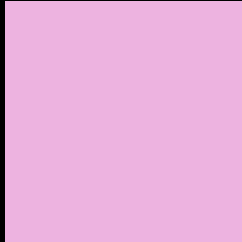
Large Text (above 18pt) WCAG AA × Fail

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 55.6265, 0.3258, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

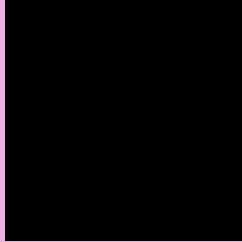
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6265, 0.3258, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 55.6265, 0.3258, 0.2810.



This preview shows how white text looks on a background with the Yxy color 55.6265, 0.3258, 0.2810.

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

55.6265, 0.3258, 0.2810

Protanopia

55.8472, 0.2806, 0.2823

Deuteranopia

55.9523, 0.3010, 0.2944



Tritanopia

55.8506, 0.3440, 0.3136

Trichromacy



Original Color

55.6265, 0.3258, 0.2810



Protanomaly

55.2865, 0.2954, 0.2813



Deuteranomaly

55.6201, 0.3098, 0.2886



Tritanomaly

55.6231, 0.3377, 0.3017

Monochromacy



Original Color

55.6265, 0.3258, 0.2810



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.0395, 0.3176, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6265, 0.3258, 0.2810 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(237, 179, 224)` looks like.

```
.text, #text, p{  
    color:rgb(237, 179, 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(237, 179, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 179, 224) }
```

Border

The CSS property to change the border of an element to Yxy 55.6265, 0.3258, 0.2810 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(237, 179, 224) }
```

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

```
.border{ border-color:rgb(237, 179, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 179, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 179, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 179, 224);  
box-shadow:4px 4px 4px 4px rgb(237, 179,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6265, 0.3258, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 179, 224) }
```

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

```
.background{ background-color: rgb(237,  
179, 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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