

Converting Colors

Yxy(55.2134, 0.3249, 0.2808)

Have a look what the booklet for
Yxy(55.2134, 0.3249, 0.2808)
contains.

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Color

Yxy(55.4549, 0.3250, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	ECB3E0
RGB	236, 179, 224
RGB Percent	93%, 70%, 88%
CMY	0.0743, 0.2981, 0.1215
CMYK	0.00, 0.24, 0.05, 0.07
HSL	313°, 60%, 81%
HSV	313°, 24%, 93%
XYZ	64.1839, 55.4549, 77.8501
YIQ	201.1730, 19.5270, 26.0790

Conversions

Conversions Part 2

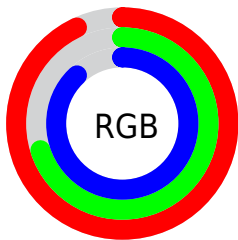
Format	Color
R _Y B	236, 179, 224
Decimal	15512544
CIE Lab	79.30, 27.88, -14.52
CIE LCh	79, 31.434, 332.480
Yxy	55.4549, 0.3250, 0.2808
Android (android.graphics.Color)	4293702624 (0xFFECB3E0)
YUV	201.1730, 11.2537, 30.5433
Hunter-Lab	74.4680, 23.5298, -9.8551

Details

The Yxy color $55.4549, 0.3250, 0.2808$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $73.3727, 0.3024, 0.3826$, and the grayscale version is $58.4451, 0.3127, 0.3290$.

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 $46.5261, 0.3314, 0.2605$, and if you desaturate by 10%, it is $66.0162, 0.3194, 0.3012$.

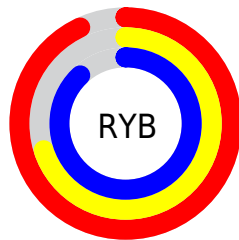
Distribution



Red (93%)

Green (70%)

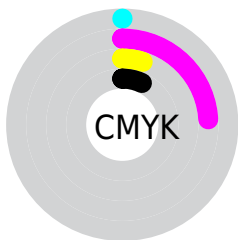
Blue (88%)



Red (93%)

Yellow (70%)

Blue (88%)

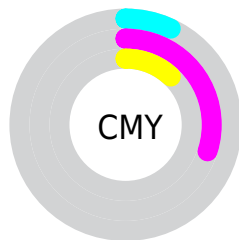


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (7%)



Cyan (7%)


Magenta (30%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4549, 0.3250, 0.2808 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 55.4549, 0.3250, 0.2808 by changing the saturation by 10% instead.

 55.4549, 0.3250,
0.2808

 55.4549, 0.3250,
0.2808


407.6340, 0.3195,
0.3032

 39.7660, 0.3262,
0.2756


 98.2071, 0.3231,
0.2886

 27.3562, 0.3277,
0.2693


126.0393, 0.3224,
0.2916

 17.8409, 0.3296,
0.2612


158.6880, 0.3217,
0.2942

 10.8358, 0.3319,
0.2506

196.5377, 0.3212,
0.2965

 5.9565, 0.3350,
0.2361

239.9728, 0.3207,
0.2985

 2.8187, 0.3391,
0.2154

289.3776, 0.3202,

 1.0378, 0.3446,

0.3003

0.1831

345.1365, 0.3198,
0.3018

0.0000, 0.3946,
0.0000

0.0000, 0.0000,
0.0000

55.4549, 0.3250,
0.2808

55.4549, 0.3250,
0.2808

46.5261, 0.3314,
0.2605

66.0162, 0.3194,
0.3012

39.1398, 0.3385,
0.2410

78.2794, 0.3145,
0.3210

33.2088, 0.3462,
0.2232

92.3186, 0.3104,
0.3399

28.6338, 0.3544,
0.2082

95.8927, 0.3073,
0.3400

■ 25.3034, 0.3629,
0.1970

■ 96.1995, 0.3045,
0.3350

■ 23.0882, 0.3712,
0.1903

■ 96.5146, 0.3018,
0.3300

■ 21.8305, 0.3793,
0.1883

■ 96.5842, 0.3012,
0.3290

■ 21.3989, 0.3839,
0.1888

Harmonies

Analogous

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



55.4549, 0.2839, 0.2647



55.4549, 0.3250, 0.2808



55.4549, 0.3651, 0.3079

Triad

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



55.4549, 0.3250, 0.2808



55.4549, 0.3738, 0.3973



55.4549, 0.2403, 0.3088

Complementary

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



55.4549, 0.3250, 0.2808



73.3727, 0.3024, 0.3826

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.



55.4549, 0.2613, 0.3491



55.4549, 0.3250, 0.2808



55.4549, 0.3379, 0.4032

Square

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



55.4549, 0.3250, 0.2808



55.4549, 0.3939, 0.3734



55.4549, 0.2967, 0.3854



55.4549, 0.2373, 0.2781

Rectangle

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



55.4549, 0.3250, 0.2808



55.4549, 0.3846, 0.3296



55.4549, 0.2967, 0.3854



55.4549, 0.2454, 0.3217

Sweetspot

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



55.4574, 0.3250, 0.2808



88.8949, 0.3158, 0.3154



49.2886, 0.2797, 0.2621



18.8327, 0.3161, 0.3142



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.



55.4574, 0.3250, 0.2808



60.5830, 0.3281, 0.2707



54.0651, 0.3483, 0.3102



15.2561, 0.3170, 0.3106



11.8077, 0.3827, 0.1882



0.9408, 0.3724, 0.1825

Inverse Universe

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



55.4574, 0.3250, 0.2808



60.5830, 0.3281, 0.2707



74.7210, 0.2865, 0.3487



15.2561, 0.3170, 0.3106



11.8077, 0.3827, 0.1882



0.9408, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 55.4549, 0.3250, 0.2808 looks on a white background.

Color Contrast Check

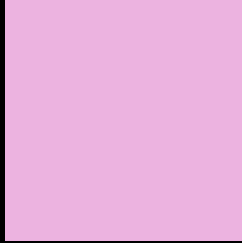
Large Text (above 18pt) WCAG AA × Fail

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 55.4549, 0.3250, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

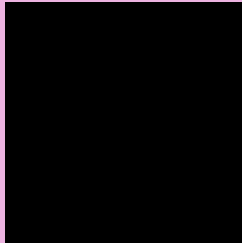
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4549, 0.3250, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 55.4549, 0.3250, 0.2808.



This preview shows how white text looks on a background with the Yxy color 55.4549, 0.3250, 0.2808.

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

55.4549, 0.3250, 0.2808

Protanopia

55.8472, 0.2806, 0.2823

Deuteranopia

55.8106, 0.3003, 0.2943



Tritanopia

55.6818, 0.3432, 0.3136

Trichromacy



Original Color

55.4549, 0.3250, 0.2808

Protanomaly

55.2865, 0.2954, 0.2813

Deuteranomaly

55.4673, 0.3090, 0.2885

Tritanomaly

55.4533, 0.3368, 0.3016

Monochromacy



Original Color

55.4549, 0.3250, 0.2808

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 55.4549, 0.3250, 0.2808 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(236, 179, 224)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 179, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 179, 224) }
```

Border

The CSS property to change the border of an element to Yxy 55.4549, 0.3250, 0.2808 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(236, 179, 224) }
```

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

```
.border{ border-color:rgb(236, 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(236, 179, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 179, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 179, 224);  
box-shadow:4px 4px 4px 4px rgb(236, 179,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4549, 0.3250, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 179, 224) }
```

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

```
.background{ background-color: rgb(236,  
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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