

Converting Colors

Yxy(55.5891, 0.3156, 0.2629)

Have a look what the booklet for
Yxy(55.5891, 0.3156, 0.2629)
contains.

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Color

Yxy(55.6334, 0.3158, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	EFB0EF
RGB	239, 176, 239
RGB Percent	94%, 69%, 94%
CMY	0.0627, 0.3098, 0.0628
CMYK	0.00, 0.26, 0.00, 0.06
HSL	300°, 66%, 81%
HSV	300°, 26%, 94%
XYZ	66.7009, 55.6334, 88.8783
YIQ	202.0190, 17.3250, 32.9490

Conversions

Conversions Part 2

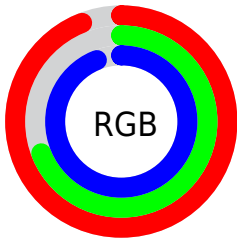
Format	Color
R _Y B	239, 176, 239
Decimal	15708399
CIE Lab	79.40, 33.10, -22.42
CIE LCh	79, 39.979, 325.883
Yxy	55.6334, 0.3158, 0.2634
Android (android.graphics.Color)	4293898479 (0xFFEFB0EF)
YUV	202.0190, 18.2316, 32.4323
Hunter-Lab	74.5878, 29.0969, -18.4381

Details

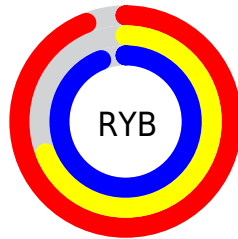
The Yxy color **55.6334, 0.3158, 0.2634** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.0998, 0.3092, 0.4047**, and the grayscale version is **58.9528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **27.5299, 0.3154, 0.2486** is the 20% darker color. If you saturate the color by 10%, you get **47.0735, 0.3169, 0.2390**, and if you desaturate by 10%, it is **65.8481, 0.3146, 0.2885**.

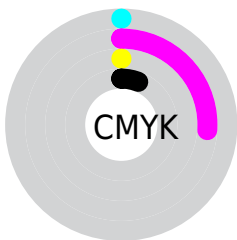
Distribution



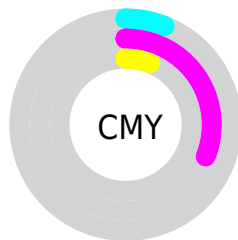
- Red (94%)
- Green (69%)
- Blue (94%)



- Red (94%)
- Yellow (69%)
- Blue (94%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6334, 0.3158, 0.2634 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 55.6334, 0.3158, 0.2634 by changing the saturation by 10% instead.

 55.6334, 0.3158,
0.2634

 55.6334, 0.3158,
0.2634

408.3085, 0.3150,
0.2934

 39.9091, 0.3158,
0.2566

 98.4684, 0.3157,
0.2737

 27.4677, 0.3158,
0.2484


126.3478, 0.3156,
0.2778

 17.9248, 0.3156,
0.2380


159.0477, 0.3155,
0.2813

 10.8960, 0.3151,
0.2246

196.9525, 0.3154,
0.2843

 5.9969, 0.3140,
0.2067

240.4466, 0.3153,
0.2870

 2.8432, 0.3116,
0.1819

289.9144, 0.3152,

 1.0504, 0.3059,

0.2894

0.1457

345.7402, 0.3151,
0.2915

0.0000, 0.3179,
0.0000

0.0000, 0.0000,
0.0000

55.6334, 0.3158,
0.2634

55.6334, 0.3158,
0.2634

47.0735, 0.3169,
0.2390

65.8481, 0.3146,
0.2885

40.0745, 0.3180,
0.2163

77.7905, 0.3134,
0.3135


34.5444, 0.3190,
0.1962

91.5379, 0.3123,
0.3377


30.3788, 0.3197,
0.1796

96.1032, 0.3120,
0.3449


 27.4593, 0.3203,
0.1672


 96.1034, 0.3120,
0.3449


 25.6475, 0.3207,
0.1591


 96.1036, 0.3120,
0.3449

 24.7703, 0.3209,
0.1550

 96.1038, 0.3120,
0.3449

 24.5813, 0.3210,
0.1542

 96.1039, 0.3120,
0.3448

 96.1041, 0.3120,
0.3448

Harmonies

Analogous

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



55.6334, 0.2660, 0.2471



55.6334, 0.3158, 0.2634



55.6334, 0.3689, 0.2940

Triad

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



55.6334, 0.3158, 0.2634



55.6334, 0.3971, 0.4092



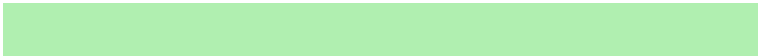
55.6334, 0.2260, 0.3129

Complementary

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



55.6334, 0.3158, 0.2634



74.0998, 0.3092, 0.4047

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.



55.6334, 0.2561, 0.3659



55.6334, 0.3158, 0.2634



55.6334, 0.3545, 0.4248

Square

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



55.6334, 0.3158, 0.2634



55.6334, 0.4175, 0.3746



55.6334, 0.3028, 0.4098



55.6334, 0.2177, 0.2710

Rectangle

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



55.6334, 0.3158, 0.2634



55.6334, 0.3973, 0.3196



55.6334, 0.3028, 0.4098



55.6334, 0.2337, 0.3302

Sweetspot

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



55.6358, 0.3158, 0.2634



87.6677, 0.3136, 0.3093



46.5162, 0.2670, 0.2534



18.3004, 0.3138, 0.3056



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.



55.6358, 0.3158, 0.2634



58.5201, 0.3165, 0.2492



53.9339, 0.3415, 0.2950



16.0314, 0.3138, 0.3057



13.5840, 0.3210, 0.1542



1.1301, 0.3209, 0.1542

Inverse Universe

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



55.6358, 0.3158, 0.2634



58.5201, 0.3165, 0.2492



75.4943, 0.2912, 0.3659



16.0314, 0.3138, 0.3057



13.5840, 0.3210, 0.1542



1.1301, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 55.6334, 0.3158, 0.2634 looks on a white background.

Color Contrast Check

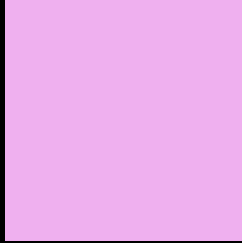
Large Text (above 18pt) WCAG AA × Fail

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 55.6334, 0.3158, 0.2634 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 55.6334, 0.3158, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 55.6334, 0.3158, 0.2634.



This preview shows how white text looks on a background with the Yxy color 55.6334, 0.3158, 0.2634.

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

55.6334, 0.3158, 0.2634

Protanopia

56.0036, 0.2655, 0.2638

Deuteranopia

56.0664, 0.2855, 0.2797



Tritanopia

55.6818, 0.3432, 0.3136

Trichromacy



Original Color

55.6334, 0.3158, 0.2634



Protanomaly

55.3783, 0.2824, 0.2633



Deuteranomaly

55.6521, 0.2958, 0.2734



Tritanomaly

55.5140, 0.3328, 0.2942

Monochromacy



Original Color

55.6334, 0.3158, 0.2634



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.4933, 0.3139, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6334, 0.3158, 0.2634 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(239, 176, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 176, 239)  
}
```

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(239, 176, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 176, 239) }
```

Border

The CSS property to change the border of an element to Yxy 55.6334, 0.3158, 0.2634 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(239, 176, 239) }
```

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

```
.border{ border-color:rgb(239, 176, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 176, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 176, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 176, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 176,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6334, 0.3158, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 176, 239) }
```

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

```
.background{ background-color: rgb(239,  
176, 239) }
```

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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