

Converting Colors

$Y_{xy}(55.0020, 0.3443, 0.3018)$

Have a look what the booklet for
Yxy(55.0020, 0.3443, 0.3018)
contains.

Yxy(54.9506, 0.3440, 0.3019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.9506, 0.3440, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	EFB3CC
RGB	239, 179, 204
RGB Percent	94%, 70%, 80%
CMY	0.0628, 0.2980, 0.1999
CMYK	0.00, 0.25, 0.15, 0.06
HSL	335°, 65%, 82%
HSV	335°, 25%, 94%
XYZ	62.6135, 54.9506, 64.4518
YIQ	199.7900, 27.7350, 20.4950

Conversions

Conversions Part 2

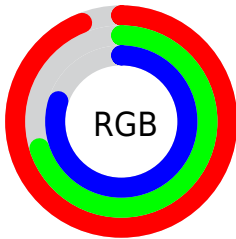
Format	Color
R _Y B	239, 179, 204
Decimal	15709132
CIE Lab	79.01, 25.52, -4.11
CIE LCh	79, 25.849, 350.846
Yxy	54.9506, 0.3440, 0.3019
Android (android.graphics.Color)	4293899212 (0xFFEFB3CC)
YUV	199.7900, 2.0755, 34.3872
Hunter-Lab	74.1287, 21.0465, 0.3399

Details

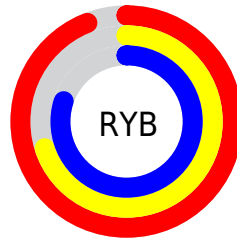
The Yxy color $54.9506, 0.3440, 0.3019$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $76.1595, 0.2894, 0.3579$, and the grayscale version is $57.5989, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $27.0688, 0.3518, 0.2952$ is the 20% darker color. If you saturate the color by 10%, you get $45.5499, 0.3613, 0.2906$, and if you desaturate by 10%, it is $66.0761, 0.3297, 0.3131$.

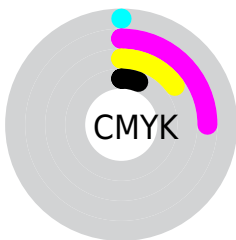
Distribution



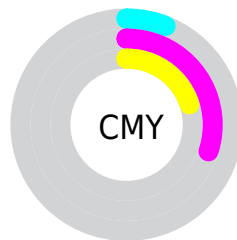
- Red (94%)
- Green (70%)
- Blue (80%)



- Red (94%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9506, 0.3440, 0.3019 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 54.9506, 0.3440, 0.3019 by changing the saturation by 10% instead.


 54.9506, 0.3440,
0.3019

 54.9506, 0.3440,
0.3019

405.7246, 0.3289,
0.3148

 39.3622, 0.3476,
0.2988

 97.4686, 0.3386,
0.3065

 27.0416, 0.3522,
0.2950


125.1669, 0.3366,
0.3082

 17.6045, 0.3581,
0.2901


157.6707, 0.3348,
0.3097

 10.6664, 0.3661,
0.2834

195.3642, 0.3333,
0.3110

 5.8430, 0.3774,
0.2741

238.6320, 0.3320,
0.3122

 2.7498, 0.3949,
0.2600

287.8584, 0.3309,

 1.0026, 0.4251,

0.3132

0.2365

343.4278, 0.3298,
0.3141

0.0000, 0.7549,
0.0000

0.0000, 0.0000,
0.0000

54.9506, 0.3440,
0.3019

54.9506, 0.3440,
0.3019

45.5499, 0.3613,
0.2906

66.0761, 0.3297,
0.3131

37.7793, 0.3818,
0.2796

78.9998, 0.3179,
0.3238

31.5464, 0.4058,
0.2700

93.8000, 0.3082,
0.3338

26.7464, 0.4330,
0.2627

97.0873, 0.3029,
0.3290

■ 23.2613, 0.4624,
0.2591

■ 20.9537, 0.4925,
0.2604

■ 19.6554, 0.5213,
0.2672

■ 19.2617, 0.5347,
0.2719

Harmonies

Analogous

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



54.9506, 0.3095, 0.2821



54.9506, 0.3440, 0.3019



54.9506, 0.3708, 0.3285

Triad

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



54.9506, 0.3440, 0.3019



54.9506, 0.3465, 0.3902



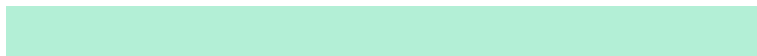
54.9506, 0.2489, 0.2958

Complementary

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



54.9506, 0.3440, 0.3019



76.1595, 0.2894, 0.3579

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.



54.9506, 0.2576, 0.3252



54.9506, 0.3440, 0.3019



54.9506, 0.3130, 0.3828

Square

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



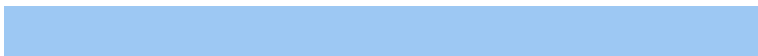
54.9506, 0.3440, 0.3019



54.9506, 0.3718, 0.3796



54.9506, 0.2806, 0.3581



54.9506, 0.2559, 0.2775

Rectangle

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



54.9506, 0.3440, 0.3019



54.9506, 0.3798, 0.3474



54.9506, 0.2806, 0.3581



54.9506, 0.2500, 0.3046

Sweetspot

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



54.9531, 0.3440, 0.3019



86.9256, 0.3211, 0.3207



52.6207, 0.2950, 0.2625



18.1128, 0.3228, 0.3191



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.



54.9531, 0.3440, 0.3019



57.9741, 0.3523, 0.2962



55.4732, 0.3648, 0.3336



15.8682, 0.3228, 0.3192



10.6712, 0.5306, 0.2697



0.9071, 0.4966, 0.2509

Inverse Universe

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



54.9531, 0.3440, 0.3019



57.9741, 0.3523, 0.2962



75.2223, 0.2754, 0.3244



15.8682, 0.3228, 0.3192



10.6712, 0.5306, 0.2697



0.9071, 0.4966, 0.2509

Previews

White Background



This preview shows how the Yxy color 54.9506, 0.3440, 0.3019 looks on a white background.

Color Contrast Check

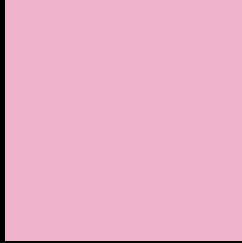
Large Text (above 18pt) WCAG AA × Fail

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 54.9506, 0.3440, 0.3019 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 54.9506, 0.3440, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 54.9506, 0.3440, 0.3019.



This preview shows how white text looks on a background with the Yxy color 54.9506, 0.3440, 0.3019.

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

54.9506, 0.3440, 0.3019

Protanopia

55.3546, 0.2983, 0.3063

Deuteranopia

55.0882, 0.3215, 0.3150



Tritanopia

55.1650, 0.3505, 0.3137

Trichromacy



Original Color

54.9506, 0.3440, 0.3019

Protanomaly

54.7500, 0.3139, 0.3046

Deuteranomaly

54.9592, 0.3295, 0.3097

Tritanomaly

54.8969, 0.3481, 0.3094

Monochromacy



Original Color

54.9506, 0.3440, 0.3019

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.2125, 0.3238, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9506, 0.3440, 0.3019 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, 179, 204)` looks like.

```
.text, #text, p{  
    color:rgb(239, 179, 204)  
}
```

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, 179, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 179, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.9506, 0.3440, 0.3019 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, 179, 204) }
```

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

```
.border{ border-color:rgb(239, 179, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 179, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 179, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 179, 204);  
box-shadow:4px 4px 4px 4px rgb(239, 179,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9506, 0.3440, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 179, 204) }
```

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

```
.background{ background-color: rgb(239,  
179, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor