

Converting Colors

$Y_{xy}(54.5093, 0.3401, 0.3070)$

Have a look what the booklet for
Yxy(54.5093, 0.3401, 0.3070)
contains.

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Color

Yxy(54.4206, 0.3403, 0.3069)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8B5C9 |
| RGB | 232, 181, 201 |
| RGB Percent | 91%, 71%, 79% |
| CMY | 0.0902, 0.2902, 0.2119 |
| CMYK | 0.00, 0.22, 0.13, 0.09 |
| HSL | 337°, 53%, 81% |
| HSV | 337°, 22%, 91% |
| XYZ | 60.3432, 54.4206, 62.5598 |
| YIQ | 198.5290, 23.9760, 17.0320 |

Conversions

Conversions Part 2

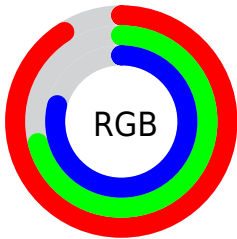
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 232, 181, 201 |
| Decimal | 15250889 |
| CIE Lab | 78.71, 21.52, -2.98 |
| CIE LCh | 79, 21.723, 352.112 |
| Yxy | 54.4206, 0.3403, 0.3069 |
| Android (android.graphics.Color) | 4293440969 (0xFFE8B5C9) |
| YUV | 198.5290, 1.2182, 29.3541 |
| Hunter-Lab | 73.7703, 16.9127, 1.3593 |

Details

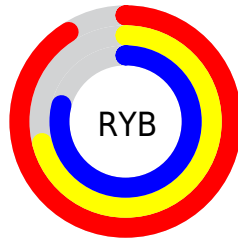
The Yxy color **54.4206, 0.3403, 0.3069** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2976, 0.2914, 0.3523**, and the grayscale version is **56.7929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.7750, 0.3478, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **45.1259, 0.3573, 0.2963**, and if you desaturate by 10%, it is **65.3524, 0.3263, 0.3173**.

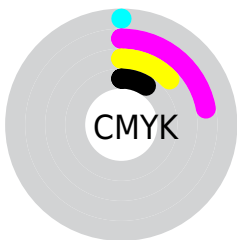
Distribution



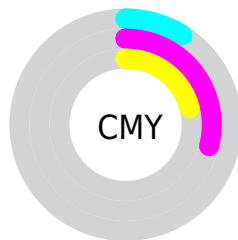
- Red (91%)
- Green (71%)
- Blue (79%)



- Red (91%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4206, 0.3403, 0.3069 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 54.4206, 0.3403, 0.3069 by changing the saturation by 10% instead.


 54.4206, 0.3403,
0.3069

 54.4206, 0.3403,
0.3069

403.7119, 0.3269,
0.3175

 38.9380, 0.3435,
0.3044

 96.6915, 0.3355,
0.3107

 26.7115, 0.3476,
0.3012


124.2487, 0.3337,
0.3121

 17.3567, 0.3529,
0.2971


156.5995, 0.3322,
0.3133

 10.4891, 0.3600,
0.2915

194.1283, 0.3308,
0.3144

 5.7244, 0.3703,
0.2836

237.2195, 0.3297,
0.3153

 2.6783, 0.3863,
0.2716

286.2576, 0.3287,

 0.9662, 0.4143,

0.3162

0.2510

341.6269, 0.3277,
0.3169

0.0000, 0.8812,
0.0000

0.0000, 0.0000,
0.0000

54.4206, 0.3403,
0.3069

54.4206, 0.3403,
0.3069

45.1259, 0.3573,
0.2963

65.3524, 0.3263,
0.3173

37.3815, 0.3777,
0.2858

77.9877, 0.3147,
0.3271

31.1038, 0.4018,
0.2763

92.3985, 0.3053,
0.3363

26.1983, 0.4294,
0.2687

95.8969, 0.2988,
0.3290

■ 22.5593, 0.4598,
0.2644

■ 20.0654, 0.4914,
0.2646

■ 18.5709, 0.5222,
0.2700

■ 17.9087, 0.5449,
0.2776

Harmonies

Analogous

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



54.4206, 0.3114, 0.2896



54.4206, 0.3403, 0.3069



54.4206, 0.3622, 0.3299

Triad

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



54.4206, 0.3403, 0.3069



54.4206, 0.3403, 0.3805



54.4206, 0.2584, 0.3004

Complementary

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



54.4206, 0.3403, 0.3069



72.2976, 0.2914, 0.3523

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.



54.4206, 0.2654, 0.3249



54.4206, 0.3403, 0.3069



54.4206, 0.3120, 0.3733

Square

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



54.4206, 0.3403, 0.3069



54.4206, 0.3619, 0.3726



54.4206, 0.2847, 0.3523



54.4206, 0.2650, 0.2850

Rectangle

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



54.4206, 0.3403, 0.3069



54.4206, 0.3694, 0.3460



54.4206, 0.2847, 0.3523



54.4206, 0.2592, 0.3078

Sweetspot

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



54.4231, 0.3403, 0.3069



88.4551, 0.3203, 0.3222



52.8160, 0.2990, 0.2717



18.7308, 0.3210, 0.3216



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.



54.4231, 0.3403, 0.3069



62.4143, 0.3470, 0.3025



55.6565, 0.3562, 0.3349



14.4609, 0.3231, 0.3198



9.9646, 0.5407, 0.2752



0.7542, 0.5017, 0.2537

Inverse Universe

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



54.4231, 0.3403, 0.3069



62.4143, 0.3470, 0.3025



70.5384, 0.2797, 0.3230



14.4609, 0.3231, 0.3198



9.9646, 0.5407, 0.2752



0.7542, 0.5017, 0.2537

Previews

White Background



This preview shows how the Yxy color 54.4206, 0.3403, 0.3069 looks on a white background.

Color Contrast Check

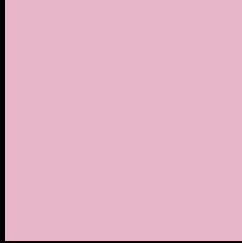
Large Text (above 18pt) WCAG AA × Fail

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 54.4206, 0.3403, 0.3069 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 54.4206, 0.3403, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 54.4206, 0.3403, 0.3069.



This preview shows how white text looks on a background with the Yxy color 54.4206, 0.3403, 0.3069.

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

54.4206, 0.3403, 0.3069

Protanopia

54.7891, 0.3026, 0.3110

Deuteranopia

54.5158, 0.3240, 0.3173



Tritanopia

54.4303, 0.3435, 0.3134

Trichromacy



Original Color

54.4206, 0.3403, 0.3069

Protanomaly

54.2613, 0.3153, 0.3091

Deuteranomaly

54.3480, 0.3294, 0.3129

Tritanomaly

54.5220, 0.3418, 0.3112

Monochromacy



Original Color

54.4206, 0.3403, 0.3069

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.7183, 0.3221, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4206, 0.3403, 0.3069 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(232, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(232, 181, 201)  
}
```

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(232, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 181, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.4206, 0.3403, 0.3069 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(232, 181, 201) }
```

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

```
.border{ border-color:rgb(232, 181, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 181, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(232, 181,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4206, 0.3403, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 181, 201) }
```

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

```
.background{ background-color: rgb(232,  
181, 201) }
```

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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