

Converting Colors

$Y_{xy}(52.4269, 0.3557, 0.3279)$

Have a look what the booklet for
Yxy(52.4269, 0.3557, 0.3279)
contains.

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Color

Yxy(52.2344, 0.3552, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3B5
RGB	229, 179, 181
RGB Percent	90%, 70%, 71%
CMY	0.1020, 0.2980, 0.2900
CMYK	0.00, 0.22, 0.21, 0.10
HSL	358°, 49%, 80%
HSV	358°, 22%, 90%
XYZ	56.7737, 52.2344, 50.8278
YIQ	194.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

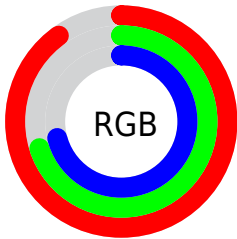
Format	Color
R _Y B	229, 179, 181
Decimal	15053749
CIE Lab	77.42, 18.41, 5.92
CIE LCh	77, 19.342, 17.833
Yxy	52.2344, 0.3552, 0.3268
Android (android.graphics.Color)	4293243829 (0xFFE5B3B5)
YUV	194.1780, -6.4968, 30.5389
Hunter-Lab	72.2734, 13.7408, 8.8944

Details

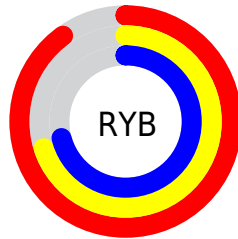
The Yxy color **52.2344, 0.3552, 0.3268** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1592, 0.2815, 0.3313**, and the grayscale version is **54.0880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7911, 0.3250, 0.3271**, and **25.3645, 0.3676, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **42.9750, 0.3826, 0.3258**, and if you desaturate by 10%, it is **63.1649, 0.3332, 0.3278**.

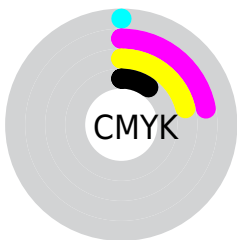
Distribution



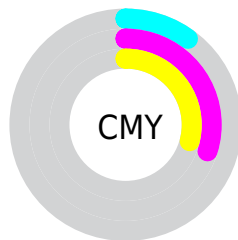
- Red (90%)
- Green (70%)
- Blue (71%)



- Red (90%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (10%)




- Cyan (10%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2344, 0.3552, 0.3268 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 52.2344, 0.3552, 0.3268 by changing the saturation by 10% instead.


 52.2344, 0.3552,
0.3268

 52.2344, 0.3552,
0.3268

395.3409, 0.3342,
0.3282

 37.1919, 0.3604,
0.3264


 93.4768, 0.3476,
0.3274

 25.3561, 0.3669,
0.3258

120.4456, 0.3448,
0.3275

 16.3426, 0.3756,
0.3250


152.1586, 0.3424,
0.3277

 9.7669, 0.3875,
0.3237


189.0002, 0.3403,
0.3278

 5.2447, 0.4050,
0.3216

231.3549, 0.3385,
0.3279

 2.3915, 0.4329,
0.3175

279.6069, 0.3369,

 0.8215, 0.4983,

0.3280

334.1408, 0.3355,
0.3281

0.3166

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2344, 0.3552,
0.3268

52.2344, 0.3552,
0.3268

42.9750, 0.3826,
0.3258

63.1649, 0.3332,
0.3278

35.2977, 0.4163,
0.3248

75.8354, 0.3155,
0.3288

29.1160, 0.4565,
0.3240

90.3200, 0.3014,
0.3297

24.3326, 0.5020,
0.3237

95.3958, 0.2970,
0.3290

■ 20.8385, 0.5491,
0.3240

■ 18.5084, 0.5917,
0.3252

■ 17.1925, 0.6227,
0.3270

■ 16.6763, 0.6368,
0.3282

Harmonies

Analogous

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



52.2344, 0.3341, 0.3063



52.2344, 0.3552, 0.3268



52.2344, 0.3644, 0.3486

Triad

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



52.2344, 0.3552, 0.3268



52.2344, 0.3159, 0.3705



52.2344, 0.2679, 0.2906

Complementary

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



52.2344, 0.3552, 0.3268



71.1592, 0.2815, 0.3313

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.



52.2344, 0.2636, 0.3060



52.2344, 0.3552, 0.3268



52.2344, 0.2906, 0.3532

Square

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



52.2344, 0.3552, 0.3268



52.2344, 0.3411, 0.3751



52.2344, 0.2718, 0.3290



52.2344, 0.2838, 0.2857

Rectangle

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



52.2344, 0.3552, 0.3268



52.2344, 0.3624, 0.3613



52.2344, 0.2718, 0.3290



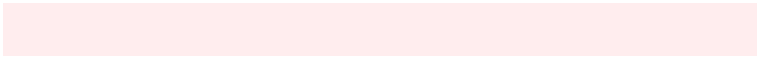
52.2344, 0.2651, 0.2947

Sweetspot

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



52.2368, 0.3552, 0.3268



88.0811, 0.3242, 0.3283



54.1472, 0.3132, 0.2745



18.6444, 0.3253, 0.3283



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.



52.2368, 0.3552, 0.3268



61.3054, 0.3664, 0.3263



61.9166, 0.3517, 0.3544



14.3775, 0.3286, 0.3281



9.5402, 0.6356, 0.3275



0.7084, 0.6233, 0.3207

Inverse Universe

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



52.2368, 0.3552, 0.3268



61.3054, 0.3664, 0.3263



59.6227, 0.2784, 0.3022



14.3775, 0.3286, 0.3281



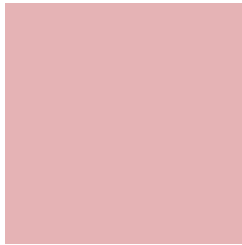
9.5402, 0.6356, 0.3275



0.7084, 0.6233, 0.3207

Previews

White Background



This preview shows how the Yxy color 52.2344, 0.3552, 0.3268 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 52.2344, 0.3552, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

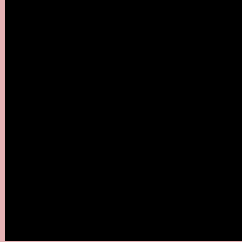
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2344, 0.3552, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 52.2344, 0.3552, 0.3268.



This preview shows how white text looks on a background with the Yxy color 52.2344, 0.3552, 0.3268.

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

52.2344, 0.3552, 0.3268

Protanopia

52.6282, 0.3191, 0.3327

Deuteranopia

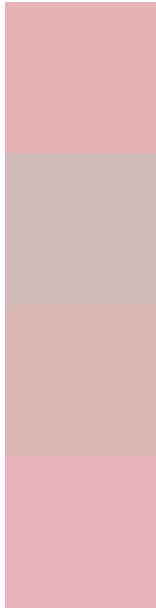
52.2894, 0.3416, 0.3350



Tritanopia

52.0289, 0.3478, 0.3133

Trichromacy



Original Color

52.2344, 0.3552, 0.3268

Protanomaly

52.4533, 0.3320, 0.3315

Deuteranomaly

52.2223, 0.3464, 0.3326

Tritanomaly

52.2516, 0.3511, 0.3189

Monochromacy



Original Color

52.2344, 0.3552, 0.3268

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3347, 0.3277, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2344, 0.3552, 0.3268 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(229, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 181)  
}
```

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(229, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 181) }
```

Border

The CSS property to change the border of an element to Yxy 52.2344, 0.3552, 0.3268 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(229, 179, 181) }
```

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

```
.border{ border-color:rgb(229, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2344, 0.3552, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 181) }
```

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

```
.background{ background-color: rgb(229,  
179, 181) }
```

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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