

Converting Colors

$Y_{xy}(52.5239, 0.3515, 0.3236)$

Have a look what the booklet for
Yxy(52.5239, 0.3515, 0.3236)
contains.

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Color

Yxy(52.5972, 0.3515, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4B8
RGB	228, 180, 184
RGB Percent	89%, 71%, 72%
CMY	0.1058, 0.2941, 0.2783
CMYK	0.00, 0.21, 0.19, 0.11
HSL	355°, 47%, 80%
HSV	355°, 21%, 89%
XYZ	56.9735, 52.5972, 52.5162
YIQ	194.8080, 27.3240, 11.4200

Conversions

Conversions Part 2

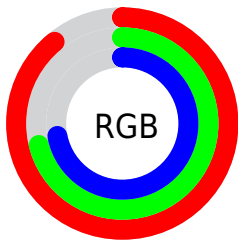
Format	Color
R _Y B	228, 180, 184
Decimal	14988472
CIE Lab	77.64, 17.98, 4.60
CIE LCh	78, 18.554, 14.342
Yxy	52.5972, 0.3515, 0.3245
Android (android.graphics.Color)	4293178552 (0xFFE4B4B8)
YUV	194.8080, -5.3283, 29.1094
Hunter-Lab	72.5239, 13.3096, 7.8336

Details

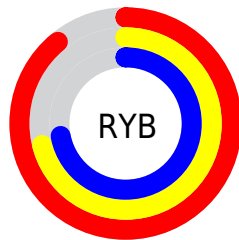
The Yxy color $52.5972, 0.3515, 0.3245$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $70.5768, 0.2837, 0.3336$, and the grayscale version is $54.4760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5422, 0.3230, 0.3251$, and $25.5881, 0.3624, 0.3231$ is the 20% darker color. If you saturate the color by 10%, you get $43.3261, 0.3772, 0.3222$, and if you desaturate by 10%, it is $63.5166, 0.3308, 0.3267$.

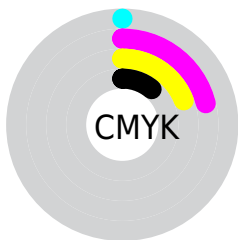
Distribution



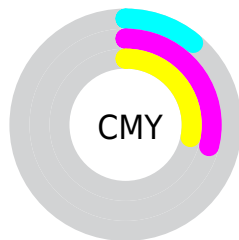
- Red (89%)
- Green (71%)
- Blue (72%)



- Red (89%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5972, 0.3515, 0.3245 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 52.5972, 0.3515, 0.3245 by changing the saturation by 10% instead.


 52.5972, 0.3515,
0.3245

 52.5972, 0.3515,
0.3245


396.7378, 0.3324,
0.3269

 37.4813, 0.3562,
0.3238


 94.0114, 0.3446,
0.3254

 25.5804, 0.3622,
0.3230


121.0785, 0.3420,
0.3257

 16.5100, 0.3700,
0.3218


152.8981, 0.3398,
0.3260

 9.8857, 0.3808,
0.3201

189.8546, 0.3379,
0.3263

 5.3233, 0.3966,
0.3174

232.3325, 0.3363,
0.3265

 2.4382, 0.4218,
0.3125

280.7160, 0.3348,

 0.8454, 0.4754,

0.3266

0.3070

335.3897, 0.3335,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5972, 0.3515,
0.3245

52.5972, 0.3515,
0.3245

43.3261, 0.3772,
0.3222

63.5166, 0.3308,
0.3267

35.6166, 0.4087,
0.3201

76.1514, 0.3143,
0.3288

29.3848, 0.4465,
0.3183

90.5736, 0.3010,
0.3307

24.5361, 0.4898,
0.3173

95.2360, 0.2964,
0.3290

■ 20.9650, 0.5357,
0.3174

■ 18.5506, 0.5791,
0.3192

■ 17.1491, 0.6132,
0.3226

■ 16.5436, 0.6324,
0.3258

Harmonies

Analogous

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



52.5972, 0.3304, 0.3053



52.5972, 0.3515, 0.3245



52.5972, 0.3619, 0.3455

Triad

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



52.5972, 0.3515, 0.3245



52.5972, 0.3187, 0.3699



52.5972, 0.2687, 0.2935

Complementary

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



52.5972, 0.3515, 0.3245



70.5768, 0.2837, 0.3336

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.



52.5972, 0.2660, 0.3093



52.5972, 0.3515, 0.3245



52.5972, 0.2942, 0.3546

Square

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



52.5972, 0.3515, 0.3245



52.5972, 0.3424, 0.3728



52.5972, 0.2751, 0.3318



52.5972, 0.2827, 0.2875

Rectangle

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



52.5972, 0.3515, 0.3245



52.5972, 0.3611, 0.3581



52.5972, 0.2751, 0.3318



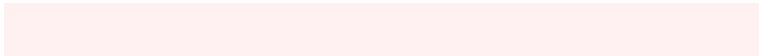
52.5972, 0.2665, 0.2978

Sweetspot

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



52.5996, 0.3515, 0.3245



89.7538, 0.3221, 0.3278



53.9650, 0.3113, 0.2762



18.9830, 0.3231, 0.3276



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.



52.5996, 0.3515, 0.3245



62.6442, 0.3614, 0.3236



60.7316, 0.3506, 0.3508



14.3876, 0.3279, 0.3271



9.5588, 0.6305, 0.3247



0.7132, 0.6065, 0.3115

Inverse Universe

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



52.5996, 0.3515, 0.3245



62.6442, 0.3614, 0.3236



60.8109, 0.2798, 0.3062



14.3876, 0.3279, 0.3271



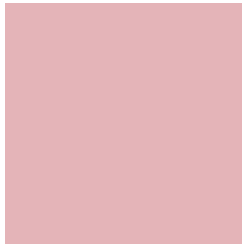
9.5588, 0.6305, 0.3247



0.7132, 0.6065, 0.3115

Previews

White Background



This preview shows how the Yxy color 52.5972, 0.3515, 0.3245 looks on a white background.

Color Contrast Check

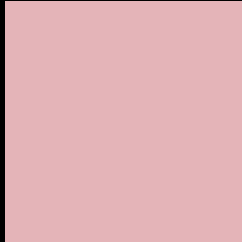
Large Text (above 18pt) WCAG AA × Fail

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 52.5972, 0.3515, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

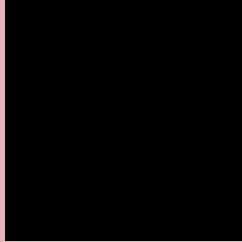
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5972, 0.3515, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 52.5972, 0.3515, 0.3245.



This preview shows how white text looks on a background with the Yxy color 52.5972, 0.3515, 0.3245.

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

52.5972, 0.3515, 0.3245

Protanopia

52.7151, 0.3176, 0.3302

Deuteranopia

52.8329, 0.3390, 0.3326



Tritanopia

52.7040, 0.3457, 0.3144

Trichromacy



Original Color

52.5972, 0.3515, 0.3245

Protanomaly

52.5814, 0.3296, 0.3279

Deuteranomaly

52.7599, 0.3437, 0.3303

Tritanomaly

52.5723, 0.3483, 0.3178

Monochromacy



Original Color

52.5972, 0.3515, 0.3245

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8539, 0.3260, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5972, 0.3515, 0.3245 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(228, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 184)  
}
```

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(228, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.5972, 0.3515, 0.3245 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(228, 180, 184) }
```

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

```
.border{ border-color:rgb(228, 180, 184) }
```

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

Here you see how a box with a 4 pixel rgb(228, 180, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5972, 0.3515, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 184) }
```

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

```
.background{ background-color: rgb(228,  
180, 184) }
```

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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