

Converting Colors

$Yxy(52.2888, 0.3494, 0.3247)$

Have a look what the booklet for
Yxy(52.2888, 0.3494, 0.3247)
contains.

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Color

Yxy(52.2720, 0.3498, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E2B4B8
RGB	226, 180, 184
RGB Percent	89%, 71%, 72%
CMY	0.1135, 0.2942, 0.2784
CMYK	0.00, 0.20, 0.19, 0.11
HSL	355°, 44%, 80%
HSV	355°, 20%, 89%
XYZ	56.3474, 52.2720, 52.4653
YIQ	194.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

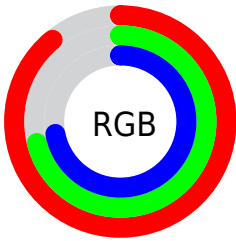
Format	Color
R _Y B	226, 180, 184
Decimal	14857400
CIE Lab	77.44, 17.26, 4.31
CIE LCh	77, 17.790, 14.032
Yxy	52.2720, 0.3498, 0.3245
Android (android.graphics.Color)	4293047480 (0xFFE2B4B8)
YUV	194.2100, -5.0335, 27.8798
Hunter-Lab	72.2994, 12.5923, 7.5847

Details

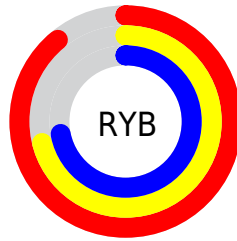
The Yxy color **52.2720, 0.3498, 0.3245** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3957, 0.2847, 0.3336**, and the grayscale version is **54.1014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5422, 0.3230, 0.3251**, and **25.3635, 0.3600, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **43.0773, 0.3750, 0.3222**, and if you desaturate by 10%, it is **63.0859, 0.3295, 0.3268**.

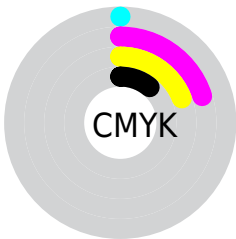
Distribution



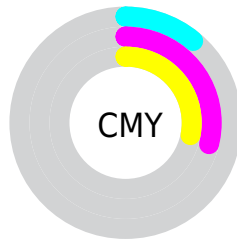
- Red (89%)
- Green (71%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (11%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2720, 0.3498, 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 52.2720, 0.3498, 0.3245 by changing the saturation by 10% instead.

 52.2720, 0.3498,
0.3245

 52.2720, 0.3498,
0.3245


395.4858, 0.3315,
0.3269

 37.2219, 0.3543,
0.3239


 93.5323, 0.3432,
0.3254

 25.3794, 0.3600,
0.3230


120.5112, 0.3407,
0.3257

 16.3599, 0.3676,
0.3218


152.2353, 0.3386,
0.3260

 9.7792, 0.3779,
0.3202

189.0888, 0.3368,
0.3262

 5.2528, 0.3931,
0.3175

231.4563, 0.3352,
0.3264

 2.3963, 0.4174,
0.3128

279.7220, 0.3338,

 0.8240, 0.4700,

0.3266

0.3076

334.2703, 0.3326,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2720, 0.3498,
0.3245

52.2720, 0.3498,
0.3245

43.0773, 0.3750,
0.3222

63.0859, 0.3295,
0.3268

35.4173, 0.4060,
0.3199

75.5842, 0.3133,
0.3289

29.2103, 0.4432,
0.3180

89.8372, 0.3002,
0.3309

24.3646, 0.4860,
0.3169

94.9163, 0.2952,
0.3289

■ 20.7777, 0.5317,
0.3169

■ 18.3327, 0.5755,
0.3186

■ 16.8909, 0.6106,
0.3219

■ 16.2257, 0.6320,
0.3255

Harmonies

Analogous

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



52.2720, 0.3295, 0.3060



52.2720, 0.3498, 0.3245



52.2720, 0.3599, 0.3447

Triad

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



52.2720, 0.3498, 0.3245



52.2720, 0.3188, 0.3683



52.2720, 0.2703, 0.2950

Complementary

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



52.2720, 0.3498, 0.3245



69.3957, 0.2847, 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.



52.2720, 0.2678, 0.3104



52.2720, 0.3498, 0.3245



52.2720, 0.2952, 0.3537

Square

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



52.2720, 0.3498, 0.3245



52.2720, 0.3414, 0.3710



52.2720, 0.2767, 0.3320



52.2720, 0.2837, 0.2891

Rectangle

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



52.2720, 0.3498, 0.3245



52.2720, 0.3592, 0.3568



52.2720, 0.2767, 0.3320



52.2720, 0.2682, 0.2992

Sweetspot

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



52.2744, 0.3498, 0.3245



89.7565, 0.3220, 0.3277



53.5724, 0.3113, 0.2780



18.9836, 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.



52.2744, 0.3498, 0.3245



63.8841, 0.3587, 0.3236



60.0474, 0.3492, 0.3500



13.7198, 0.3278, 0.3270



9.2597, 0.6299, 0.3244



0.6486, 0.6040, 0.3101

Inverse Universe

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



52.2744, 0.3498, 0.3245



63.8841, 0.3587, 0.3236



60.1234, 0.2809, 0.3070



13.7198, 0.3278, 0.3270



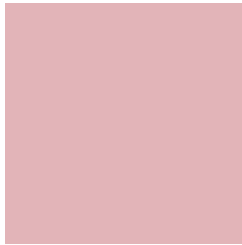
9.2597, 0.6299, 0.3244



0.6486, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 52.2720, 0.3498, 0.3245 looks on a white background.

Color Contrast Check

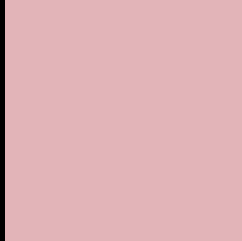
Large Text (above 18pt) WCAG AA × Fail

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 52.2720, 0.3498, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

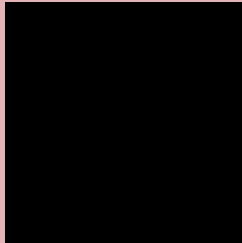
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2720, 0.3498, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 52.2720, 0.3498, 0.3245.



This preview shows how white text looks on a background with the Yxy color 52.2720, 0.3498, 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

52.2720, 0.3498, 0.3245

Protanopia

52.5814, 0.3167, 0.3302

Deuteranopia

52.2630, 0.3383, 0.3315



Tritanopia

52.3769, 0.3439, 0.3143

Trichromacy



Original Color

52.2720, 0.3498, 0.3245

Protanomaly

52.2933, 0.3279, 0.3278

Deuteranomaly

52.1913, 0.3430, 0.3291

Tritanomaly

52.2452, 0.3465, 0.3177

Monochromacy



Original Color

52.2720, 0.3498, 0.3245

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2347, 0.3261, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2720, 0.3498, 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(226, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.2720, 0.3498, 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(226, 180, 184) }
```

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

```
.border{ border-color:rgb(226, 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(226, 180, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(226, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2720, 0.3498, 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(226, 180, 184) }
```

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

```
.background{ background-color: rgb(226,  
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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