

Converting Colors

Yxy(52.5187, 0.3495, 0.3219)

Have a look what the booklet for
Yxy(52.5187, 0.3495, 0.3219)
contains.

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Color

Yxy(52.6817, 0.3498, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4BA
RGB	228, 180, 186
RGB Percent	89%, 71%, 73%
CMY	0.1059, 0.2941, 0.2707
CMYK	0.00, 0.21, 0.18, 0.11
HSL	353°, 47%, 80%
HSV	353°, 21%, 89%
XYZ	57.1767, 52.6817, 53.5971
YIQ	195.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

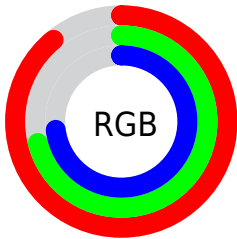
Format	Color
R _Y B	228, 180, 186
Decimal	14988474
CIE Lab	77.69, 18.26, 3.61
CIE LCh	78, 18.614, 11.194
Yxy	52.6817, 0.3498, 0.3223
Android (android.graphics.Color)	4293178554 (0xFFE4B4BA)
YUV	195.0360, -4.4547, 28.9094
Hunter-Lab	72.5822, 13.5949, 7.0258

Details

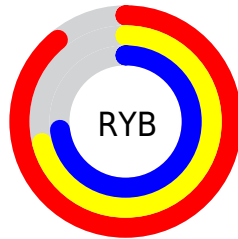
The Yxy color **52.6817, 0.3498, 0.3223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4658, 0.2848, 0.3359**, and the grayscale version is **54.6116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6617, 0.3217, 0.3232**, and **25.6429, 0.3600, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **43.4322, 0.3743, 0.3189**, and if you desaturate by 10%, it is **63.5687, 0.3301, 0.3256**.

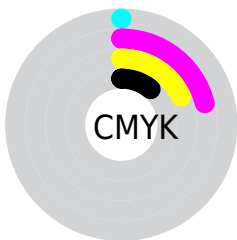
Distribution



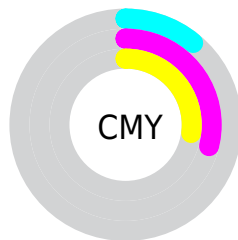
- Red (89%)
- Green (71%)
- Blue (73%)



- Red (89%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6817, 0.3498, 0.3223 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 52.6817, 0.3498, 0.3223 by changing the saturation by 10% instead.


 52.6817, 0.3498,
0.3223

 52.6817, 0.3498,
0.3223

397.0627, 0.3315,
0.3258

 37.5487, 0.3543,
0.3214


 94.1358, 0.3432,
0.3236

 25.6326, 0.3600,
0.3203


121.2258, 0.3407,
0.3241

 16.5490, 0.3675,
0.3187


153.0702, 0.3386,
0.3245

 9.9135, 0.3778,
0.3165

190.0534, 0.3368,
0.3248

 5.3416, 0.3928,
0.3131

232.5599, 0.3352,
0.3251

 2.4491, 0.4167,
0.3073

280.9740, 0.3339,

 0.8510, 0.4651,

0.3253

0.2985

335.6802, 0.3326,
0.3256

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6817, 0.3498,
0.3223

52.6817, 0.3498,
0.3223

43.4322, 0.3743,
0.3189

63.5687, 0.3301,
0.3256

35.7342, 0.4043,
0.3157

76.1596, 0.3142,
0.3287

29.5047, 0.4403,
0.3129

90.5257, 0.3014,
0.3315

24.6500, 0.4816,
0.3111

95.2337, 0.2964,
0.3290

■ 21.0658, 0.5261,
0.3111

■ 18.6325, 0.5691,
0.3132

■ 17.2078, 0.6047,
0.3177

■ 16.5793, 0.6265,
0.3225

Harmonies

Analogous

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



52.6817, 0.3279, 0.3035



52.6817, 0.3498, 0.3223



52.6817, 0.3615, 0.3434

Triad

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



52.6817, 0.3498, 0.3223



52.6817, 0.3214, 0.3709



52.6817, 0.2677, 0.2946

Complementary

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



52.6817, 0.3498, 0.3223



70.4658, 0.2848, 0.3359

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.



52.6817, 0.2663, 0.3114



52.6817, 0.3498, 0.3223



52.6817, 0.2966, 0.3567

Square

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



52.6817, 0.3498, 0.3223



52.6817, 0.3446, 0.3725



52.6817, 0.2766, 0.3344



52.6817, 0.2807, 0.2876

Rectangle

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



52.6817, 0.3498, 0.3223



52.6817, 0.3618, 0.3563



52.6817, 0.2766, 0.3344



52.6817, 0.2659, 0.2993

Sweetspot

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



52.6841, 0.3498, 0.3223



89.7907, 0.3217, 0.3272



53.7139, 0.3100, 0.2760



18.9917, 0.3227, 0.3270



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.



52.6841, 0.3498, 0.3223



62.7627, 0.3592, 0.3209



59.9972, 0.3510, 0.3490



14.3970, 0.3273, 0.3261



9.5830, 0.6240, 0.3211



0.7177, 0.5921, 0.3035

Inverse Universe

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



52.6841, 0.3498, 0.3223



62.7627, 0.3592, 0.3209



61.5978, 0.2800, 0.3081



14.3970, 0.3273, 0.3261



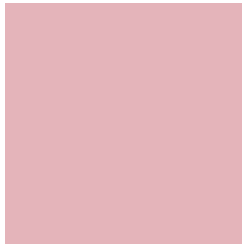
9.5830, 0.6240, 0.3211



0.7177, 0.5921, 0.3035

Previews

White Background



This preview shows how the Yxy color 52.6817, 0.3498, 0.3223 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 52.6817, 0.3498, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

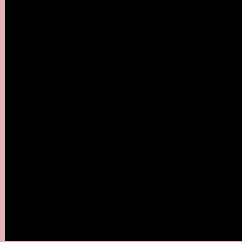
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6817, 0.3498, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 52.6817, 0.3498, 0.3223.



This preview shows how white text looks on a background with the Yxy color 52.6817, 0.3498, 0.3223.

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

52.6817, 0.3498, 0.3223

Protanopia

52.6695, 0.3152, 0.3278

Deuteranopia

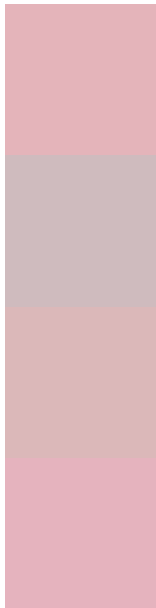
52.9167, 0.3373, 0.3303



Tritanopia

52.7485, 0.3448, 0.3133

Trichromacy



Original Color

52.6817, 0.3498, 0.3223

Protanomaly

52.5238, 0.3271, 0.3254

Deuteranomaly

52.8438, 0.3420, 0.3279

Tritanomaly

52.6159, 0.3474, 0.3166

Monochromacy



Original Color

52.6817, 0.3498, 0.3223

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8981, 0.3252, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6817, 0.3498, 0.3223 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, 186)` looks like.

```
.text, #text, p{  
  color:rgb(228, 180, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.6817, 0.3498, 0.3223 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, 186) }
```

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

```
.border{ border-color:rgb(228, 180, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 180, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 180, 186); box-shadow:4px 4px 4px 4px rgb(228, 180, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6817, 0.3498, 0.3223 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, 186) }
```

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

```
.background{ background-color: rgb(228,  
180, 186) }
```

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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