

Converting Colors

$Yxy(52.7221, 0.3484, 0.3280)$

Have a look what the booklet for
Yxy(52.7221, 0.3484, 0.3280)
contains.

Yxy(52.7221, 0.3484, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7221, 0.3484, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E0B6B7
RGB	224, 182, 183
RGB Percent	88%, 71%, 72%
CMY	0.1218, 0.2862, 0.2824
CMYK	0.00, 0.19, 0.18, 0.12
HSL	359°, 40%, 80%
HSV	359°, 19%, 88%
XYZ	56.0012, 52.7221, 52.0149
YIQ	194.6720, 24.7110, 9.2150

Conversions

Conversions Part 2

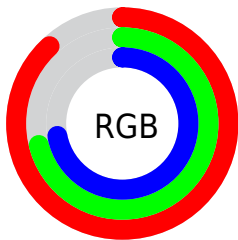
Format	Color
R _Y B	224, 182, 183
Decimal	14726839
CIE Lab	77.71, 15.24, 5.22
CIE LCh	78, 16.115, 18.917
Yxy	52.7221, 0.3484, 0.3280
Android (android.graphics.Color)	4292916919 (0xFFE0B6B7)
YUV	194.6720, -5.7543, 25.7207
Hunter-Lab	72.6100, 10.6024, 8.3540

Details

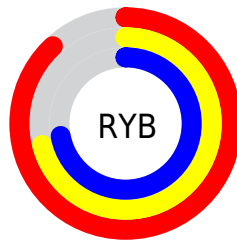
The Yxy color **52.7221, 0.3484, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5570, 0.2853, 0.3300**, and the grayscale version is **54.3901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6411, 0.3234, 0.3281**, and **25.6371, 0.3582, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **43.4303, 0.3745, 0.3275**, and if you desaturate by 10%, it is **63.6272, 0.3275, 0.3286**.

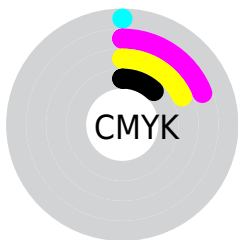
Distribution



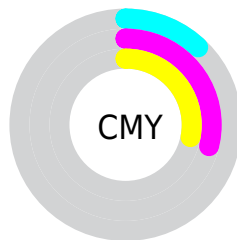
- Red (88%)
- Green (71%)
- Blue (72%)



- Red (88%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (12%)




- Cyan (12%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7221, 0.3484, 0.3280 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 52.7221, 0.3484, 0.3280 by changing the saturation by 10% instead.

 52.7221, 0.3484,
0.3280

 52.7221, 0.3484,
0.3280

397.2180, 0.3308,
0.3287

 37.5810, 0.3527,
0.3278


 94.1953, 0.3421,
0.3283

 25.6576, 0.3582,
0.3274

121.2962, 0.3397,
0.3284

 16.5677, 0.3654,
0.3270

153.1524, 0.3376,
0.3285

 9.9267, 0.3754,
0.3262

190.1484, 0.3359,
0.3285

 5.3504, 0.3900,
0.3249

232.6686, 0.3344,
0.3286

 2.4543, 0.4132,
0.3223

281.0973, 0.3330,

 0.8536, 0.4649,

0.3286

0.3222

335.8190, 0.3319,
0.3287

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7221, 0.3484,
0.3280

52.7221, 0.3484,
0.3280

43.4303, 0.3745,
0.3275

63.6272, 0.3275,
0.3286

35.6685, 0.4068,
0.3269

76.2095, 0.3108,
0.3291

29.3569, 0.4456,
0.3265

90.5381, 0.2974,
0.3295

24.4055, 0.4904,
0.3263

94.5783, 0.2940,
0.3289

■ 20.7144, 0.5380,
0.3265

■ 18.1698, 0.5828,
0.3270

■ 16.6378, 0.6173,
0.3280

■ 15.9181, 0.6364,
0.3289

■ 15.8495, 0.6382,
0.3289

Harmonies

Analogous

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



52.7221, 0.3313, 0.3106



52.7221, 0.3484, 0.3280



52.7221, 0.3556, 0.3462

Triad

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



52.7221, 0.3484, 0.3280



52.7221, 0.3147, 0.3629



52.7221, 0.2756, 0.2968

Complementary

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



52.7221, 0.3484, 0.3280



68.5570, 0.2853, 0.3300

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.



52.7221, 0.2716, 0.3095



52.7221, 0.3484, 0.3280



52.7221, 0.2937, 0.3484

Square

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



52.7221, 0.3484, 0.3280



52.7221, 0.3357, 0.3673



52.7221, 0.2781, 0.3284



52.7221, 0.2893, 0.2928

Rectangle

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



52.7221, 0.3484, 0.3280



52.7221, 0.3537, 0.3566



52.7221, 0.2781, 0.3284



52.7221, 0.2731, 0.3001

Sweetspot

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



52.7245, 0.3484, 0.3280



89.6978, 0.3226, 0.3287



54.4628, 0.3138, 0.2826



18.9698, 0.3238, 0.3287



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.



52.7245, 0.3484, 0.3280



66.2393, 0.3568, 0.3278



61.2656, 0.3452, 0.3513



13.7056, 0.3289, 0.3285



9.2331, 0.6375, 0.3286



0.6418, 0.6301, 0.3245

Inverse Universe

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



52.7245, 0.3484, 0.3280



66.2393, 0.3568, 0.3278



58.6959, 0.2834, 0.3056



13.7056, 0.3289, 0.3285



9.2331, 0.6375, 0.3286



0.6418, 0.6301, 0.3245

Previews

White Background



This preview shows how the Yxy color 52.7221, 0.3484, 0.3280 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 52.7221, 0.3484, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

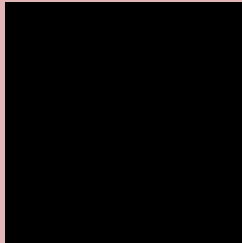
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7221, 0.3484, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 52.7221, 0.3484, 0.3280.



This preview shows how white text looks on a background with the Yxy color 52.7221, 0.3484, 0.3280.

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

52.7221, 0.3484, 0.3280

Protanopia

52.7628, 0.3199, 0.3327

Deuteranopia

52.9423, 0.3407, 0.3338



Tritanopia

52.5451, 0.3403, 0.3131

Trichromacy



Original Color

52.7221, 0.3484, 0.3280

Protanomaly

52.7770, 0.3302, 0.3315

Deuteranomaly

52.9807, 0.3434, 0.3326

Tritanomaly

52.7730, 0.3435, 0.3188

Monochromacy



Original Color

52.7221, 0.3484, 0.3280

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7103, 0.3252, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7221, 0.3484, 0.3280 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(224, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 183)  
}
```

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(224, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.7221, 0.3484, 0.3280 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(224, 182, 183) }
```

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

```
.border{ border-color:rgb(224, 182, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(224, 182,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7221, 0.3484, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 183) }
```

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

```
.background{ background-color: rgb(224,  
182, 183) }
```

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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