

Converting Colors

Yxy(52.9653, 0.3502, 0.3269)

Have a look what the booklet for
Yxy(52.9653, 0.3502, 0.3269)
contains.

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Color

Yxy(53.0853, 0.3493, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6B8
RGB	226, 182, 184
RGB Percent	89%, 71%, 72%
CMY	0.1138, 0.2862, 0.2783
CMYK	0.00, 0.19, 0.19, 0.11
HSL	357°, 43%, 80%
HSV	357°, 19%, 89%
XYZ	56.7402, 53.0853, 52.6142
YIQ	195.3840, 25.5820, 9.9500

Conversions

Conversions Part 2

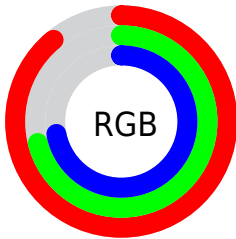
Format	Color
R _Y B	226, 182, 184
Decimal	14857912
CIE Lab	77.93, 16.15, 5.00
CIE LCh	78, 16.910, 17.186
Yxy	53.0853, 0.3493, 0.3268
Android (android.graphics.Color)	4293047992 (0xFFE2B6B8)
YUV	195.3840, -5.6123, 26.8502
Hunter-Lab	72.8597, 11.5043, 8.1866

Details

The Yxy color **53.0853, 0.3493, 0.3268** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7077, 0.2848, 0.3313**, and the grayscale version is **54.8379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7003, 0.3228, 0.3271**, and **25.8853, 0.3594, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **43.7291, 0.3752, 0.3256**, and if you desaturate by 10%, it is **64.0777, 0.3285, 0.3280**.

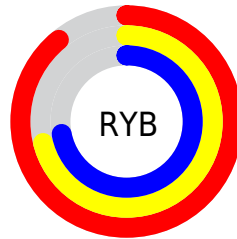
Distribution



Red (89%)

Green (71%)

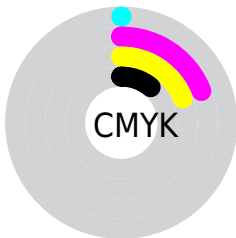
Blue (72%)



Red (89%)

Yellow (71%)

Blue (72%)

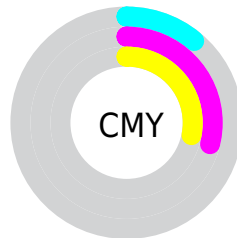


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0853, 0.3493, 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 53.0853, 0.3493, 0.3268 by changing the saturation by 10% instead.

 53.0853, 0.3493,
0.3268

 53.0853, 0.3493,
0.3268

398.6123, 0.3313,
0.3281

 37.8709, 0.3537,
0.3264


 94.7299, 0.3428,
0.3273

 25.8825, 0.3593,
0.3259


121.9288, 0.3404,
0.3275

 16.7357, 0.3667,
0.3252


153.8914, 0.3383,
0.3276

 10.0463, 0.3769,
0.3241

191.0019, 0.3365,
0.3278

 5.4296, 0.3917,
0.3223

233.6449, 0.3349,
0.3279

 2.5015, 0.4152,
0.3190

282.2047, 0.3336,

 0.8774, 0.4652,

0.3279

0.3163

337.0657, 0.3324,
0.3280

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0853, 0.3493,
0.3268

53.0853, 0.3493,
0.3268

43.7291, 0.3752,
0.3256

64.0777, 0.3285,
0.3280

35.9243, 0.4071,
0.3245

76.7716, 0.3119,
0.3291

29.5890, 0.4456,
0.3235

91.2377, 0.2986,
0.3301

24.6313, 0.4897,
0.3230

94.9053, 0.2952,
0.3289

■ 20.9488, 0.5368,
0.3231

■ 18.4249, 0.5811,
0.3242

■ 16.9216, 0.6157,
0.3260

■ 16.2173, 0.6356,
0.3279

■ 16.1879, 0.6363,
0.3279

Harmonies

Analogous

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



53.0853, 0.3309, 0.3089



53.0853, 0.3493, 0.3268



53.0853, 0.3576, 0.3459

Triad

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



53.0853, 0.3493, 0.3268



53.0853, 0.3161, 0.3651



53.0853, 0.2734, 0.2958

Complementary

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



53.0853, 0.3493, 0.3268



69.7077, 0.2848, 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.



53.0853, 0.2699, 0.3095



53.0853, 0.3493, 0.3268



53.0853, 0.2940, 0.3504

Square

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



53.0853, 0.3493, 0.3268



53.0853, 0.3379, 0.3690



53.0853, 0.2773, 0.3296



53.0853, 0.2871, 0.2912

Rectangle

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



53.0853, 0.3493, 0.3268



53.0853, 0.3561, 0.3570



53.0853, 0.2773, 0.3296



53.0853, 0.2710, 0.2994

Sweetspot

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



53.0877, 0.3493, 0.3268



89.7187, 0.3224, 0.3283



54.7629, 0.3132, 0.2806



18.9747, 0.3236, 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.



53.0877, 0.3493, 0.3268



65.0229, 0.3582, 0.3264



61.6890, 0.3468, 0.3515



13.7106, 0.3285, 0.3280



9.2419, 0.6350, 0.3272



0.6442, 0.6204, 0.3192

Inverse Universe

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



53.0877, 0.3493, 0.3268



65.0229, 0.3582, 0.3264



59.6723, 0.2822, 0.3055



13.7106, 0.3285, 0.3280



9.2419, 0.6350, 0.3272



0.6442, 0.6204, 0.3192

Previews

White Background



This preview shows how the Yxy color 53.0853, 0.3493, 0.3268 looks on a white background.

Color Contrast Check

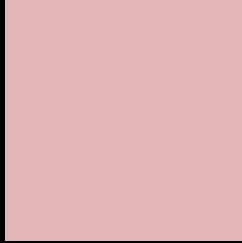
Large Text (above 18pt) WCAG AA × Fail

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 53.0853, 0.3493, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

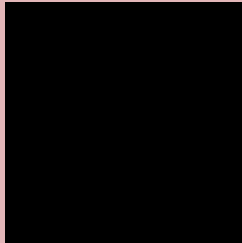
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0853, 0.3493, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 53.0853, 0.3493, 0.3268.



This preview shows how white text looks on a background with the Yxy color 53.0853, 0.3493, 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

53.0853, 0.3493, 0.3268

Protanopia

53.2873, 0.3183, 0.3315

Deuteranopia

52.9838, 0.3398, 0.3326



Tritanopia

52.8685, 0.3420, 0.3132

Trichromacy



Original Color

53.0853, 0.3493, 0.3268

Protanomaly

53.0072, 0.3295, 0.3291

Deuteranomaly

53.1769, 0.3435, 0.3314

Tritanomaly

53.0963, 0.3453, 0.3188

Monochromacy



Original Color

53.0853, 0.3493, 0.3268

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 53.0853, 0.3493, 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(226, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 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, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 184) }
```

Border

The CSS property to change the border of an element to Yxy 53.0853, 0.3493, 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(226, 182, 184) }
```

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

```
.border{ border-color:rgb(226, 182, 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, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 184); box-shadow:4px 4px 4px 4px rgb(226, 182, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0853, 0.3493, 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(226, 182, 184) }
```

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

```
.background{ background-color: rgb(226,  
182, 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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