

Converting Colors

Yxy(53.6779, 0.3442, 0.3243)

Have a look what the booklet for
Yxy(53.6779, 0.3442, 0.3243)
contains.

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Color

Yxy(53.7591, 0.3438, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E0B8BC
RGB	224, 184, 188
RGB Percent	88%, 72%, 74%
CMY	0.1216, 0.2784, 0.2627
CMYK	0.00, 0.18, 0.16, 0.12
HSL	354°, 39%, 80%
HSV	354°, 18%, 88%
XYZ	56.9565, 53.7591, 54.9519
YIQ	196.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

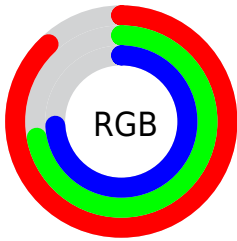
Format	Color
R _Y B	224, 184, 188
Decimal	14727356
CIE Lab	78.32, 14.98, 3.39
CIE LCh	78, 15.361, 12.741
Yxy	53.7591, 0.3438, 0.3245
Android (android.graphics.Color)	4292917436 (0xFFE0B8BC)
YUV	196.4160, -4.1491, 24.1912
Hunter-Lab	73.3206, 10.3503, 6.8881

Details

The Yxy color **53.7591, 0.3438, 0.3245** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6665, 0.2883, 0.3336**, and the grayscale version is **55.4810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1118, 0.3202, 0.3251**, and **26.3067, 0.3517, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **44.3705, 0.3673, 0.3218**, and if you desaturate by 10%, it is **64.7475, 0.3249, 0.3271**.

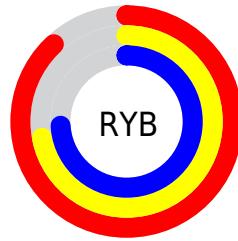
Distribution



Red (88%)

Green (72%)

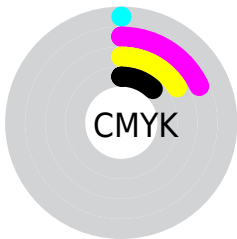
Blue (74%)



Red (88%)

Yellow (72%)

Blue (74%)

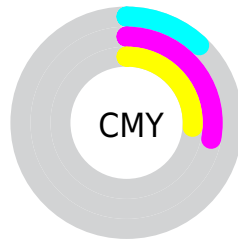


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (28%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7591, 0.3438, 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 53.7591, 0.3438, 0.3245 by changing the saturation by 10% instead.

 53.7591, 0.3438,
0.3245

 53.7591, 0.3438,
0.3245


401.1907, 0.3286,
0.3268

 38.4091, 0.3475,
0.3239


 95.7204, 0.3383,
0.3254

 26.3004, 0.3522,
0.3231


123.1006, 0.3363,
0.3257

 17.0485, 0.3585,
0.3221

155.2595, 0.3345,
0.3260

 10.2691, 0.3670,
0.3205

192.5817, 0.3330,
0.3262

 5.5777, 0.3794,
0.3182

235.4516, 0.3317,
0.3264

 2.5900, 0.3990,
0.3143

284.2534, 0.3305,

 0.9217, 0.4366,

0.3266

0.3077

339.3717, 0.3295,
0.3267

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7591, 0.3438,
0.3245

53.7591, 0.3438,
0.3245

44.3705, 0.3673,
0.3218

64.7475, 0.3249,
0.3271

36.5001, 0.3963,
0.3192

77.3976, 0.3097,
0.3295

30.0704, 0.4314,
0.3168

91.7772, 0.2975,
0.3317

24.9939, 0.4722,
0.3152

94.5863, 0.2940,
0.3289

■ 21.1737, 0.5171,
0.3148

■ 18.5000, 0.5617,
0.3161

■ 16.8441, 0.5999,
0.3193

■ 16.0285, 0.6260,
0.3239

■ 15.9057, 0.6302,
0.3245

Harmonies

Analogous

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



53.7591, 0.3263, 0.3086



53.7591, 0.3438, 0.3245



53.7591, 0.3528, 0.3420

Triad

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



53.7591, 0.3438, 0.3245



53.7591, 0.3189, 0.3627



53.7591, 0.2760, 0.3003

Complementary

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



53.7591, 0.3438, 0.3245



68.6665, 0.2883, 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.



53.7591, 0.2742, 0.3139



53.7591, 0.3438, 0.3245



53.7591, 0.2986, 0.3507

Square

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



53.7591, 0.3438, 0.3245



53.7591, 0.3381, 0.3647



53.7591, 0.2824, 0.3325



53.7591, 0.2872, 0.2947

Rectangle

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



53.7591, 0.3438, 0.3245



53.7591, 0.3526, 0.3524



53.7591, 0.2824, 0.3325



53.7591, 0.2743, 0.3041

Sweetspot

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



53.7615, 0.3438, 0.3245



91.4159, 0.3203, 0.3278



54.8807, 0.3116, 0.2845



19.3184, 0.3214, 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.



53.7615, 0.3438, 0.3245



67.7386, 0.3510, 0.3236



60.6169, 0.3440, 0.3473



13.7227, 0.3276, 0.3267



9.2666, 0.6280, 0.3233



0.6500, 0.5991, 0.3074

Inverse Universe

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



53.7615, 0.3438, 0.3245



67.7386, 0.3510, 0.3236



60.6843, 0.2849, 0.3100



13.7227, 0.3276, 0.3267



9.2666, 0.6280, 0.3233



0.6500, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 53.7591, 0.3438, 0.3245 looks on a white background.

Color Contrast Check

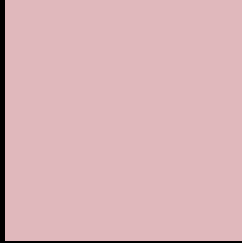
Large Text (above 18pt) WCAG AA × Fail

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 53.7591, 0.3438, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

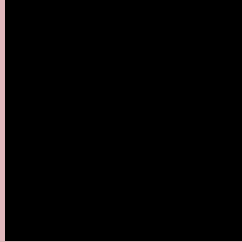
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7591, 0.3438, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 53.7591, 0.3438, 0.3245.



This preview shows how white text looks on a background with the Yxy color 53.7591, 0.3438, 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

53.7591, 0.3438, 0.3245

Protanopia

53.8605, 0.3159, 0.3290

Deuteranopia

53.5756, 0.3364, 0.3291



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

53.7591, 0.3438, 0.3245

Protanomaly

53.8539, 0.3260, 0.3278

Deuteranomaly

53.6111, 0.3391, 0.3279

Tritanomaly

53.7696, 0.3398, 0.3165

Monochromacy



Original Color

53.7591, 0.3438, 0.3245

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6713, 0.3234, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7591, 0.3438, 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(224, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 188)  
}
```

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, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.7591, 0.3438, 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(224, 184, 188) }
```

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

```
.border{ border-color:rgb(224, 184, 188) }
```

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

Here you see how a box with a 4 pixel rgb(224, 184, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7591, 0.3438, 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(224, 184, 188) }
```

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

```
.background{ background-color: rgb(224,  
184, 188) }
```

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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