

Converting Colors

Yxy(53.8000, 0.3711, 0.3393)

Have a look what the booklet for
Yxy(53.8000, 0.3711, 0.3393)
contains.

Yxy(53.5873, 0.3709, 0.3392)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.5873, 0.3709, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	EDB4AB
RGB	237, 180, 171
RGB Percent	93%, 71%, 67%
CMY	0.0707, 0.2941, 0.3293
CMYK	0.00, 0.24, 0.28, 0.07
HSL	8°, 65%, 80%
HSV	8°, 28%, 93%
XYZ	58.5953, 53.5873, 45.7988
YIQ	196.0170, 36.8610, 9.2850

Conversions

Conversions Part 2

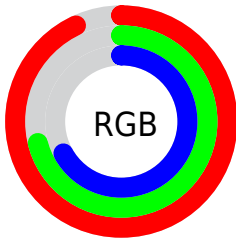
Format	Color
R _Y B	237, 181, 171
Decimal	15578283
CIE Lab	78.22, 19.42, 12.60
CIE LCh	78, 23.149, 32.969
Yxy	53.5873, 0.3709, 0.3392
Android (android.graphics.Color)	4293768363 (0xFFEDB4AB)
YUV	196.0170, -12.3334, 35.9421
Hunter-Lab	73.2033, 14.7737, 14.1482

Details

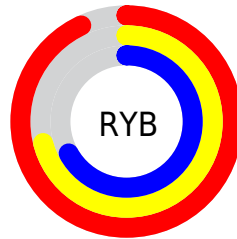
The Yxy color **53.5873, 0.3709, 0.3392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2656, 0.2712, 0.3185**, and the grayscale version is **55.2735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7419, 0.3320, 0.3389**, and **26.2140, 0.3868, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **45.1003, 0.4009, 0.3430**, and if you desaturate by 10%, it is **63.4621, 0.3462, 0.3354**.

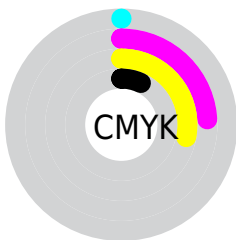
Distribution



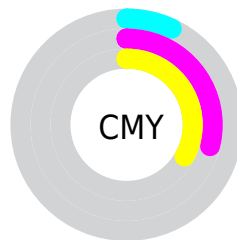
- Red (93%)
- Green (71%)
- Blue (67%)



- Red (93%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5873, 0.3709, 0.3392 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 53.5873, 0.3709, 0.3392 by changing the saturation by 10% instead.


 53.5873, 0.3709,
0.3392

 53.5873, 0.3709,
0.3392


400.5343, 0.3422,
0.3349

 38.2718, 0.3779,
0.3401


 95.4680, 0.3606,
0.3378

 26.1937, 0.3868,
0.3410


122.8020, 0.3567,
0.3372

 16.9686, 0.3986,
0.3421


154.9110, 0.3534,
0.3367

 10.2121, 0.4146,
0.3433

192.1794, 0.3505,
0.3363

 5.5398, 0.4377,
0.3442

234.9915, 0.3480,
0.3358

 2.5673, 0.4738,
0.3440

283.7317, 0.3458,

 0.9103, 0.5858,

0.3355

0.3694

338.7846, 0.3439,
0.3352

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5873, 0.3709,
0.3392

53.5873, 0.3709,
0.3392

45.1003, 0.4009,
0.3430

63.4621, 0.3462,
0.3354

37.9318, 0.4365,
0.3465

74.7754, 0.3259,
0.3317

32.0174, 0.4773,
0.3492

87.5843, 0.3094,
0.3283

27.2847, 0.5213,
0.3502

96.7418, 0.3017,
0.3290

■ 23.6533, 0.5645,
0.3490

■ 21.0332, 0.6009,
0.3452

■ 19.3177, 0.6255,
0.3394

■ 19.0487, 0.6295,
0.3383

Harmonies

Analogous

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



53.5873, 0.3521, 0.3138



53.5873, 0.3709, 0.3392



53.5873, 0.3731, 0.3635

Triad

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



53.5873, 0.3709, 0.3392



53.5873, 0.3007, 0.3699



53.5873, 0.2677, 0.2792

Complementary

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



53.5873, 0.3709, 0.3392



70.2656, 0.2712, 0.3185

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.



53.5873, 0.2556, 0.2910



53.5873, 0.3709, 0.3392



53.5873, 0.2739, 0.3436

Square

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



53.5873, 0.3709, 0.3392



53.5873, 0.3316, 0.3835



53.5873, 0.2578, 0.3142



53.5873, 0.2918, 0.2801

Rectangle

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



53.5873, 0.3709, 0.3392



53.5873, 0.3649, 0.3760



53.5873, 0.2578, 0.3142



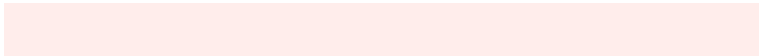
53.5873, 0.2622, 0.2817

Sweetspot

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



53.5898, 0.3709, 0.3392



88.0219, 0.3263, 0.3318



52.7519, 0.3230, 0.2683



18.3856, 0.3291, 0.3323



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.



53.5898, 0.3709, 0.3392



57.7753, 0.3861, 0.3413



68.4321, 0.3613, 0.3745



15.3846, 0.3290, 0.3323



10.5100, 0.6276, 0.3399



0.9301, 0.6056, 0.3573

Inverse Universe

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



70.2656, 0.2712, 0.3185



80.2893, 0.2640, 0.3162



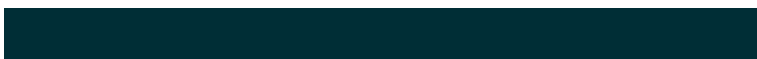
53.9016, 0.2671, 0.2788



16.7518, 0.2981, 0.3257



27.2515, 0.2126, 0.2854



2.2366, 0.2145, 0.2920

Previews

White Background



This preview shows how the Yxy color 53.5873, 0.3709, 0.3392 looks on a white background.

Color Contrast Check

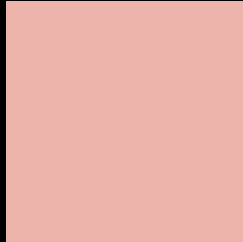
Large Text (above 18pt) WCAG AA × Fail

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 53.5873, 0.3709, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

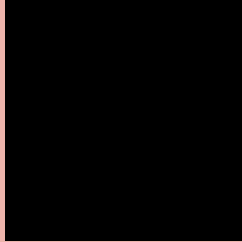
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5873, 0.3709, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 53.5873, 0.3709, 0.3392.



This preview shows how white text looks on a background with the Yxy color 53.5873, 0.3709, 0.3392.

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

53.5873, 0.3709, 0.3392

Protanopia

53.7718, 0.3308, 0.3474

Deuteranopia

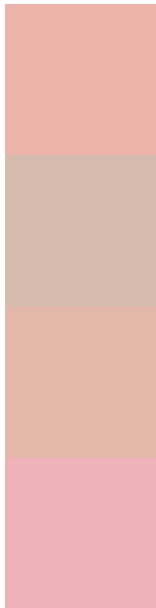
53.8151, 0.3557, 0.3490



Tritanopia

53.5566, 0.3557, 0.3137

Trichromacy



Original Color

53.5873, 0.3709, 0.3392

Protanomaly

53.3577, 0.3452, 0.3446

Deuteranomaly

53.5142, 0.3618, 0.3453

Tritanomaly

53.4786, 0.3608, 0.3225

Monochromacy



Original Color

53.5873, 0.3709, 0.3392

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2637, 0.3325, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5873, 0.3709, 0.3392 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(237, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 180, 171)  
}
```

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(237, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 180, 171) }
```

Border

The CSS property to change the border of an element to Yxy 53.5873, 0.3709, 0.3392 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(237, 180, 171) }
```

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

```
.border{ border-color:rgb(237, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 180,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5873, 0.3709, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 180, 171) }
```

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

```
.background{ background-color: rgb(237,  
180, 171) }
```

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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