

Converting Colors

$Y_{xy}(53.1529, 0.3713, 0.3380)$

Have a look what the booklet for
Yxy(53.1529, 0.3713, 0.3380)
contains.

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Color

Yxy(53.1850, 0.3712, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	EDB3AB
RGB	237, 179, 171
RGB Percent	93%, 70%, 67%
CMY	0.0707, 0.2980, 0.3293
CMYK	0.00, 0.24, 0.28, 0.07
HSL	7°, 65%, 80%
HSV	7°, 28%, 93%
XYZ	58.3918, 53.1850, 45.7287
YIQ	195.4300, 37.1360, 9.8080

Conversions

Conversions Part 2

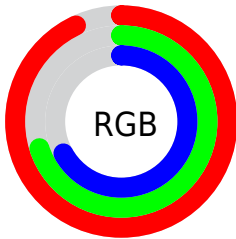
Format	Color
RYB	237, 180, 171
Decimal	15578027
CIELab	77.98, 19.95, 12.27
CIELCh	78, 23.417, 31.589
Yxy	53.1850, 0.3712, 0.3381
Android (android.graphics.Color)	4293768107 (0xFFEDB3AB)
YUV	195.4300, -12.0440, 36.4569
Hunter-Lab	72.9280, 15.2968, 13.8725

Details

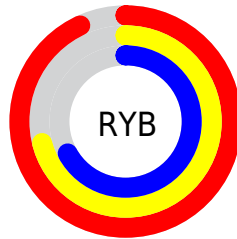
The Yxy color **53.1850, 0.3712, 0.3381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8064, 0.2713, 0.3197**, and the grayscale version is **54.9013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1676, 0.3321, 0.3380**, and **25.9569, 0.3872, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **44.6347, 0.4015, 0.3415**, and if you desaturate by 10%, it is **63.1632, 0.3463, 0.3347**.

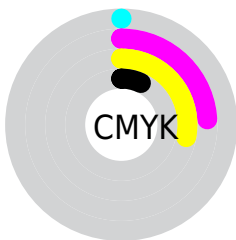
Distribution



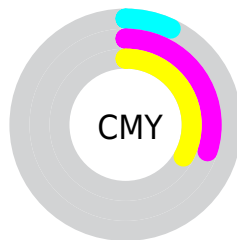
- Red (93%)
- Green (70%)
- Blue (67%)



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



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





- Cyan (7%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1850, 0.3712, 0.3381 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 53.1850, 0.3712, 0.3381 by changing the saturation by 10% instead.

 53.1850, 0.3712,
0.3381

 53.1850, 0.3712,
0.3381


398.9945, 0.3423,
0.3343

 37.9505, 0.3783,
0.3388


 94.8765, 0.3608,
0.3369

 25.9443, 0.3873,
0.3397


122.1023, 0.3569,
0.3364

 16.7819, 0.3991,
0.3405


154.0940, 0.3535,
0.3359

 10.0791, 0.4153,
0.3414

191.2360, 0.3507,
0.3355

 5.4515, 0.4388,
0.3419

233.9126, 0.3482,
0.3352

 2.5145, 0.4754,
0.3410

282.5083, 0.3460,

 0.8839, 0.5906,

0.3349

0.3660

337.4075, 0.3440,
0.3346

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1850, 0.3712,
0.3381

53.1850, 0.3712,
0.3381

44.6347, 0.4015,
0.3415

63.1632, 0.3463,
0.3347

37.4399, 0.4375,
0.3446

74.6227, 0.3260,
0.3314

31.5329, 0.4789,
0.3469

87.6233, 0.3094,
0.3284

26.8373, 0.5234,
0.3478

96.7405, 0.3017,
0.3290

■ 23.2687, 0.5670,
0.3467

■ 20.7313, 0.6034,
0.3431

■ 19.1118, 0.6274,
0.3378

■ 18.8646, 0.6313,
0.3369

Harmonies

Analogous

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



53.1850, 0.3515, 0.3124



53.1850, 0.3712, 0.3381



53.1850, 0.3742, 0.3629

Triad

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



53.1850, 0.3712, 0.3381



53.1850, 0.3019, 0.3715



53.1850, 0.2662, 0.2788

Complementary

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



53.1850, 0.3712, 0.3381



70.8064, 0.2713, 0.3197

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.



53.1850, 0.2546, 0.2913



53.1850, 0.3712, 0.3381



53.1850, 0.2744, 0.3452

Square

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



53.1850, 0.3712, 0.3381



53.1850, 0.3332, 0.3845



53.1850, 0.2575, 0.3152



53.1850, 0.2902, 0.2792

Rectangle

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



53.1850, 0.3712, 0.3381



53.1850, 0.3664, 0.3759



53.1850, 0.2575, 0.3152



53.1850, 0.2608, 0.2815

Sweetspot

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



53.1875, 0.3712, 0.3381



87.8444, 0.3263, 0.3315



52.8092, 0.3221, 0.2672



18.3413, 0.3291, 0.3319



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.



53.1875, 0.3712, 0.3381



57.2593, 0.3865, 0.3399



67.8766, 0.3616, 0.3734



15.3479, 0.3290, 0.3319



10.4009, 0.6295, 0.3383



0.9127, 0.6091, 0.3546

Inverse Universe

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



70.8064, 0.2713, 0.3197



81.0499, 0.2642, 0.3176



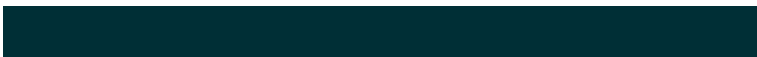
54.3925, 0.2673, 0.2802



16.7923, 0.2981, 0.3261



28.1766, 0.2140, 0.2904



2.3003, 0.2156, 0.2962

Previews

White Background



This preview shows how the Yxy color 53.1850, 0.3712, 0.3381 looks on a white background.

Color Contrast Check

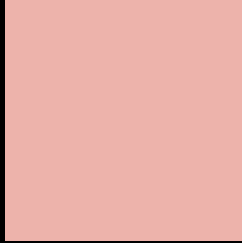
Large Text (above 18pt) WCAG AA × Fail

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 53.1850, 0.3712, 0.3381 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 53.1850, 0.3712, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 53.1850, 0.3712, 0.3381.



This preview shows how white text looks on a background with the Yxy color 53.1850, 0.3712, 0.3381.

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

53.1850, 0.3712, 0.3381

Protanopia

53.1930, 0.3301, 0.3463

Deuteranopia

53.2357, 0.3551, 0.3479



Tritanopia

53.1191, 0.3568, 0.3137

Trichromacy



Original Color

53.1850, 0.3712, 0.3381

Protanomaly

52.7819, 0.3445, 0.3434

Deuteranomaly

52.9380, 0.3612, 0.3442

Tritanomaly

53.0403, 0.3619, 0.3225

Monochromacy



Original Color

53.1850, 0.3712, 0.3381

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6420, 0.3326, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1850, 0.3712, 0.3381 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, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 179, 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, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 179, 171) }
```

Border

The CSS property to change the border of an element to Yxy 53.1850, 0.3712, 0.3381 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, 179, 171) }
```

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

```
.border{ border-color:rgb(237, 179, 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, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 179,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1850, 0.3712, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 179, 171) }
```

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

```
.background{ background-color: rgb(237,  
179, 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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