

Converting Colors

Yxy(53.5620, 0.3512, 0.3309)

Have a look what the booklet for
Yxy(53.5620, 0.3512, 0.3309)
contains.

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Color

Yxy(53.4131, 0.3508, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	E2B7B6
RGB	226, 183, 182
RGB Percent	89%, 72%, 71%
CMY	0.1139, 0.2822, 0.2863
CMYK	0.00, 0.19, 0.19, 0.11
HSL	1°, 43%, 80%
HSV	1°, 19%, 89%
XYZ	56.7282, 53.4131, 51.5696
YIQ	195.7430, 25.9490, 8.8050

Conversions

Conversions Part 2

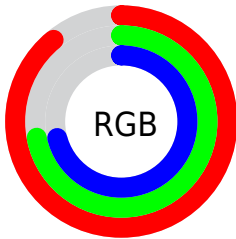
Format	Color
R _Y B	226, 183, 182
Decimal	14858166
CIE Lab	78.12, 15.29, 6.37
CIE LCh	78, 16.569, 22.628
Yxy	53.4131, 0.3508, 0.3303
Android (android.graphics.Color)	4293048246 (0xFFE2B7B6)
YUV	195.7430, -6.7753, 26.5354
Hunter-Lab	73.0843, 10.6546, 9.3229

Details

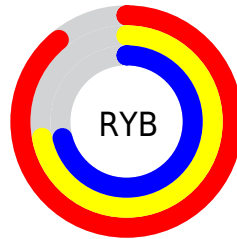
The Yxy color **53.4131, 0.3508, 0.3303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2353, 0.2836, 0.3277**, and the grayscale version is **55.0684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1661, 0.3240, 0.3300**, and **26.0963, 0.3614, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **44.1549, 0.3777, 0.3310**, and if you desaturate by 10%, it is **64.2534, 0.3292, 0.3296**.

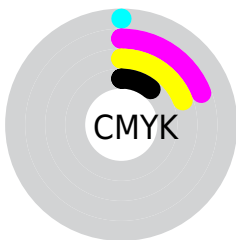
Distribution



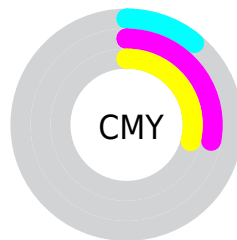
- Red (89%)
- Green (72%)
- Blue (71%)



- Red (89%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4131, 0.3508, 0.3303 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 53.4131, 0.3508, 0.3303 by changing the saturation by 10% instead.

 53.4131, 0.3508,
0.3303

 53.4131, 0.3508,
0.3303

399.8680, 0.3321,
0.3299

 38.1326, 0.3554,
0.3303


 95.2120, 0.3441,
0.3302

 26.0857, 0.3612,
0.3303


122.4992, 0.3415,
0.3302

 16.8877, 0.3689,
0.3302


154.5574, 0.3393,
0.3301

 10.1545, 0.3795,
0.3300

191.7711, 0.3375,
0.3301

 5.5015, 0.3948,
0.3294

234.5246, 0.3359,
0.3300

 2.5444, 0.4192,
0.3278

283.2023, 0.3344,

 0.8988, 0.4739,

0.3300

0.3303

338.1887, 0.3332,
0.3300

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.4131, 0.3508,
0.3303

53.4131, 0.3508,
0.3303

44.1549, 0.3777,
0.3310

64.2534, 0.3292,
0.3296

36.3980, 0.4108,
0.3318

76.7372, 0.3119,
0.3290

30.0656, 0.4505,
0.3324

90.9316, 0.2980,
0.3284

25.0711, 0.4957,
0.3329

94.9006, 0.2952,
0.3289

■ 21.3184, 0.5434,
0.3330

■ 18.6987, 0.5874,
0.3326

■ 17.0847, 0.6203,
0.3318

■ 16.3051, 0.6380,
0.3310

■ 16.2763, 0.6387,
0.3310

Harmonies

Analogous

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



53.4131, 0.3343, 0.3122



53.4131, 0.3508, 0.3303



53.4131, 0.3567, 0.3487

Triad

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



53.4131, 0.3508, 0.3303



53.4131, 0.3120, 0.3624



53.4131, 0.2760, 0.2950

Complementary

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



53.4131, 0.3508, 0.3303



69.2353, 0.2836, 0.3277

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.



53.4131, 0.2706, 0.3070



53.4131, 0.3508, 0.3303



53.4131, 0.2909, 0.3465

Square

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



53.4131, 0.3508, 0.3303



53.4131, 0.3338, 0.3683



53.4131, 0.2760, 0.3258



53.4131, 0.2910, 0.2922

Rectangle

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



53.4131, 0.3508, 0.3303



53.4131, 0.3538, 0.3589



53.4131, 0.2760, 0.3258



53.4131, 0.2730, 0.2980

Sweetspot

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



53.4155, 0.3508, 0.3303



89.8895, 0.3228, 0.3294



55.0604, 0.3155, 0.2816



19.0149, 0.3240, 0.3294



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.



53.4155, 0.3508, 0.3303



65.5278, 0.3601, 0.3306



63.0579, 0.3462, 0.3547



13.7520, 0.3292, 0.3296



9.3144, 0.6383, 0.3314



0.6642, 0.6330, 0.3356

Inverse Universe

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



69.2353, 0.2836, 0.3277



89.6434, 0.2784, 0.3274



58.2560, 0.2820, 0.3019



15.5139, 0.2982, 0.3284



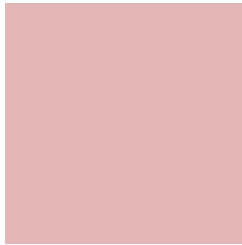
32.5617, 0.2227, 0.3216



2.2748, 0.2230, 0.3228

Previews

White Background



This preview shows how the Yxy color 53.4131, 0.3508, 0.3303 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 53.4131, 0.3508, 0.3303 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 53.4131, 0.3508, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 53.4131, 0.3508, 0.3303.



This preview shows how white text looks on a background with the Yxy color 53.4131, 0.3508, 0.3303.

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

53.4131, 0.3508, 0.3303

Protanopia

53.7336, 0.3213, 0.3364

Deuteranopia

53.6286, 0.3430, 0.3361



Tritanopia

53.4819, 0.3419, 0.3133

Trichromacy



Original Color

53.4131, 0.3508, 0.3303

Protanomaly

53.3079, 0.3317, 0.3339

Deuteranomaly

53.6697, 0.3458, 0.3349

Tritanomaly

53.5045, 0.3451, 0.3200

Monochromacy



Original Color

53.4131, 0.3508, 0.3303

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2886, 0.3259, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4131, 0.3508, 0.3303 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, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 182)  
}
```

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, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 182) }
```

Border

The CSS property to change the border of an element to Yxy 53.4131, 0.3508, 0.3303 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, 183, 182) }
```

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

```
.border{ border-color:rgb(226, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4131, 0.3508, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 182) }
```

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

```
.background{ background-color: rgb(226,  
183, 182) }
```

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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