

Converting Colors

Yxy(53.4812, 0.3869, 0.3654)

Have a look what the booklet for
Yxy(53.4812, 0.3869, 0.3654)
contains.

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Color

Yxy(53.3201, 0.3870, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	EBB696
RGB	235, 182, 150
RGB Percent	92%, 71%, 59%
CMY	0.0783, 0.2863, 0.4117
CMYK	0.00, 0.23, 0.36, 0.08
HSL	23°, 68%, 76%
HSV	23°, 36%, 92%
XYZ	56.5030, 53.3201, 36.1794
YIQ	194.1990, 41.8600, 1.2840

Conversions

Conversions Part 2

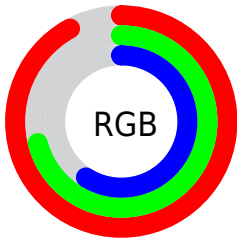
Format	Color
R _Y B	235, 201, 150
Decimal	15447702
CIE Lab	78.06, 14.97, 23.65
CIE LCh	78, 27.993, 57.668
Yxy	53.3201, 0.3870, 0.3652
Android (android.graphics.Color)	4293637782 (0xFFEBB696)
YUV	194.1990, -21.7901, 35.7825
Hunter-Lab	73.0206, 10.3363, 21.7381

Details

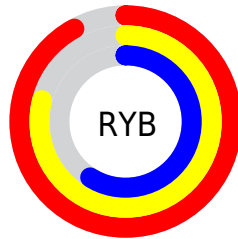
The Yxy color **53.3201, 0.3870, 0.3652** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.2301, 0.2565, 0.2893**, and the grayscale version is **54.1892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7687, 0.3461, 0.3631**, and **26.0663, 0.4074, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **46.9444, 0.4151, 0.3752**, and if you desaturate by 10%, it is **60.4818, 0.3623, 0.3548**.

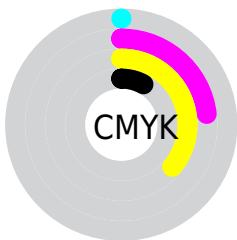
Distribution



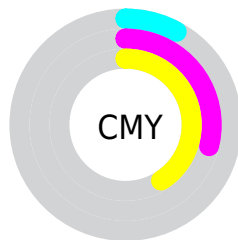
- Red (92%)
- Green (71%)
- Blue (59%)



- Red (92%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3201, 0.3870, 0.3652 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 53.3201, 0.3870, 0.3652 by changing the saturation by 10% instead.


 53.3201, 0.3870,
0.3652

 53.3201, 0.3870,
0.3652


399.5120, 0.3505,
0.3486

 38.0584, 0.3958,
0.3688


 95.0752, 0.3739,
0.3595

 26.0280, 0.4070,
0.3732


 122.3374, 0.3689,
0.3573

 16.8446, 0.4215,
0.3785


154.3685, 0.3647,
0.3554

 10.1237, 0.4410,
0.3849

191.5530, 0.3611,
0.3537

 5.4811, 0.4682,
0.3923

234.2752, 0.3579,
0.3522

 2.5322, 0.5131,
0.4034

282.9195, 0.3551,

 0.8927, 0.5875,

0.3509

0.4125

337.8703, 0.3527,
0.3497

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3201, 0.3870,
0.3652

53.3201, 0.3870,
0.3652

46.9444, 0.4151,
0.3752

60.4818, 0.3623,
0.3548

41.3187, 0.4464,
0.3838

68.4487, 0.3409,
0.3445

36.4152, 0.4797,
0.3900

77.2487, 0.3226,
0.3347

32.2011, 0.5132,
0.3925

86.9062, 0.3070,
0.3256

■ 28.6404, 0.5443,
0.3900

■ 96.4072, 0.3006,
0.3290

■ 25.6925, 0.5702,
0.3823

■ 24.7089, 0.5789,
0.3785

Harmonies

Analogous

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



53.3201, 0.3807, 0.3352



53.3201, 0.3870, 0.3652



53.3201, 0.3722, 0.3883

Triad

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



53.3201, 0.3870, 0.3652



53.3201, 0.2707, 0.3530



53.3201, 0.2814, 0.2693

Complementary

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



53.3201, 0.3870, 0.3652



55.2301, 0.2565, 0.2893

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.



53.3201, 0.2549, 0.2705



53.3201, 0.3870, 0.3652



53.3201, 0.2490, 0.3166

Square

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



53.3201, 0.3870, 0.3652



53.3201, 0.3043, 0.3834



53.3201, 0.2435, 0.2868



53.3201, 0.3178, 0.2820

Rectangle

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



53.3201, 0.3870, 0.3652



53.3201, 0.3530, 0.3957



53.3201, 0.2435, 0.2868



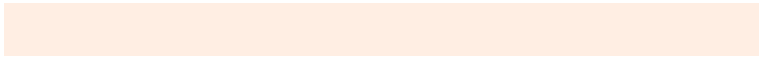
53.3201, 0.2711, 0.2680

Sweetspot

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



53.3226, 0.3870, 0.3652



87.6602, 0.3312, 0.3395



43.8421, 0.3451, 0.2699



18.4559, 0.3337, 0.3408



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.



53.3226, 0.3870, 0.3652



58.6785, 0.4064, 0.3723



73.0183, 0.3710, 0.4083



15.9821, 0.3283, 0.3379



13.9738, 0.5761, 0.3808



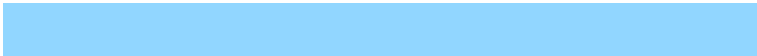
1.2770, 0.5501, 0.4014

Inverse Universe

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



55.2301, 0.2565, 0.2893



61.2475, 0.2460, 0.2802



38.1031, 0.2488, 0.2347



16.1149, 0.2981, 0.3199



15.1418, 0.1892, 0.2011



1.3729, 0.1947, 0.2207

Previews

White Background



This preview shows how the Yxy color 53.3201, 0.3870, 0.3652 looks on a white background.

Color Contrast Check

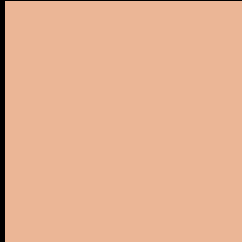
Large Text (above 18pt) WCAG AA × Fail

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 53.3201, 0.3870, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

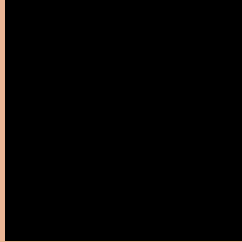
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3201, 0.3870, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 53.3201, 0.3870, 0.3652.



This preview shows how white text looks on a background with the Yxy color 53.3201, 0.3870, 0.3652.

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

53.3201, 0.3870, 0.3652

Protanopia

53.4856, 0.3524, 0.3758

Deuteranopia

53.1987, 0.3795, 0.3708



Tritanopia

53.1191, 0.3568, 0.3137

Trichromacy



Original Color

53.3201, 0.3870, 0.3652

Protanomaly

53.2940, 0.3649, 0.3721

Deuteranomaly

53.2739, 0.3826, 0.3692

Tritanomaly

53.1131, 0.3688, 0.3325

Monochromacy



Original Color

53.3201, 0.3870, 0.3652

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5966, 0.3380, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3201, 0.3870, 0.3652 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(235, 182, 150)` looks like.

```
.text, #text, p{  
    color:rgb(235, 182, 150)  
}
```

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(235, 182, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 182, 150) }
```

Border

The CSS property to change the border of an element to Yxy 53.3201, 0.3870, 0.3652 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(235, 182, 150) }
```

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

```
.border{ border-color:rgb(235, 182, 150) }
```

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

Here you see how a box with a 4 pixel rgb(235, 182, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 182, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 182, 150);  
box-shadow:4px 4px 4px 4px rgb(235, 182,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3201, 0.3870, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 182, 150) }
```

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

```
.background{ background-color: rgb(235,  
182, 150) }
```

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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