

Converting Colors

Yxy(53.4083, 0.3714, 0.3611)

Have a look what the booklet for
Yxy(53.4083, 0.3714, 0.3611)
contains.

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Color

Yxy(53.3353, 0.3709, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	E2B99E
RGB	226, 185, 158
RGB Percent	89%, 73%, 62%
CMY	0.1137, 0.2745, 0.3803
CMYK	0.00, 0.18, 0.30, 0.11
HSL	24°, 54%, 75%
HSV	24°, 30%, 89%
XYZ	54.8892, 53.3353, 39.7647
YIQ	194.1810, 33.1030, 0.2950

Conversions

Conversions Part 2

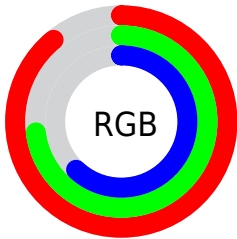
Format	Color
R _Y B	226, 203, 158
Decimal	14858654
CIE Lab	78.07, 10.89, 19.24
CIE LCh	78, 22.105, 60.481
Yxy	53.3353, 0.3709, 0.3604
Android (android.graphics.Color)	4293048734 (0xFFE2B99E)
YUV	194.1810, -17.8372, 27.9053
Hunter-Lab	73.0310, 6.3540, 18.8389

Details

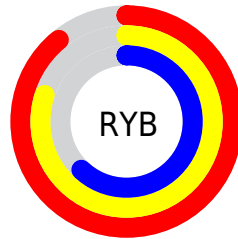
The Yxy color **53.3353, 0.3709, 0.3604** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6323, 0.2657, 0.2952**, and the grayscale version is **54.1575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9747, 0.3397, 0.3568**, and **26.1101, 0.3866, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **47.1952, 0.3965, 0.3712**, and if you desaturate by 10%, it is **60.1707, 0.3486, 0.3495**.

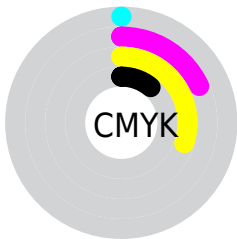
Distribution



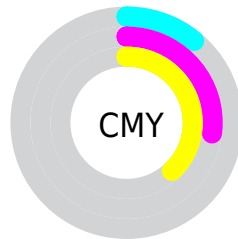
- Red (89%)
- Green (73%)
- Blue (62%)



- Red (89%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3353, 0.3709, 0.3604 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 53.3353, 0.3709, 0.3604 by changing the saturation by 10% instead.

 53.3353, 0.3709,
0.3604

 53.3353, 0.3709,
0.3604


399.5702, 0.3423,
0.3457

 38.0705, 0.3779,
0.3638

 95.0976, 0.3606,
0.3553

 26.0374, 0.3867,
0.3679


 122.3638, 0.3567,
0.3533

 16.8516, 0.3982,
0.3730


154.3994, 0.3534,
0.3516

 10.1288, 0.4138,
0.3796

191.5886, 0.3506,
0.3501

 5.4844, 0.4360,
0.3880

234.3159, 0.3481,
0.3488

 2.5342, 0.4699,
0.3989

282.9657, 0.3459,

 0.8937, 0.5618,

0.3476

0.4382

337.9223, 0.3440,
0.3466

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3353, 0.3709,
0.3604

53.3353, 0.3709,
0.3604

47.1952, 0.3965,
0.3712

60.1707, 0.3486,
0.3495

41.7198, 0.4252,
0.3813

67.7159, 0.3293,
0.3390

36.8869, 0.4565,
0.3897

75.9943, 0.3128,
0.3291

32.6701, 0.4890,
0.3951

85.0260, 0.2987,
0.3199

■ 29.0408, 0.5209,
0.3962

■ 93.7534, 0.2952,
0.3271

■ 25.9672, 0.5494,
0.3921

■ 94.9104, 0.2952,
0.3289

■ 23.4242, 0.5728,
0.3834

Harmonies

Analogous

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



53.3353, 0.3674, 0.3368



53.3353, 0.3709, 0.3604



53.3353, 0.3581, 0.3773

Triad

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



53.3353, 0.3709, 0.3604



53.3353, 0.2774, 0.3453



53.3353, 0.2905, 0.2816

Complementary

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



53.3353, 0.3709, 0.3604



53.6323, 0.2657, 0.2952

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.



53.3353, 0.2682, 0.2818



53.3353, 0.3709, 0.3604



53.3353, 0.2609, 0.3171

Square

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



53.3353, 0.3709, 0.3604



53.3353, 0.3037, 0.3696



53.3353, 0.2576, 0.2941



53.3353, 0.3198, 0.2928

Rectangle

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



53.3353, 0.3709, 0.3604



53.3353, 0.3424, 0.3817



53.3353, 0.2576, 0.2941



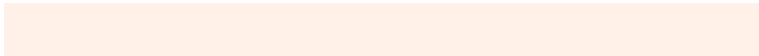
53.3353, 0.2820, 0.2803

Sweetspot

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



53.3378, 0.3709, 0.3604



90.0906, 0.3275, 0.3380



44.8040, 0.3392, 0.2814



18.9563, 0.3301, 0.3395



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.



53.3378, 0.3709, 0.3604



65.0418, 0.3863, 0.3671



68.8244, 0.3604, 0.3960



14.5882, 0.3282, 0.3383



13.5790, 0.5700, 0.3856



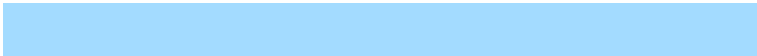
1.1126, 0.5417, 0.4081

Inverse Universe

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



53.6323, 0.2657, 0.2952



65.4746, 0.2562, 0.2871



40.0241, 0.2608, 0.2517



14.6122, 0.2981, 0.3195



13.4727, 0.1872, 0.1940



1.1072, 0.1936, 0.2170

Previews

White Background



This preview shows how the Yxy color 53.3353, 0.3709, 0.3604 looks on a white background.

Color Contrast Check

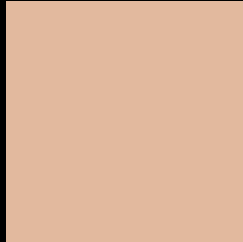
Large Text (above 18pt) WCAG AA × Fail

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 53.3353, 0.3709, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

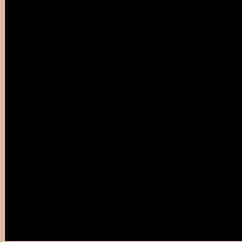
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3353, 0.3709, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 53.3353, 0.3709, 0.3604.



This preview shows how white text looks on a background with the Yxy color 53.3353, 0.3709, 0.3604.

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

53.3353, 0.3709, 0.3604

Protanopia

53.5859, 0.3460, 0.3672

Deuteranopia

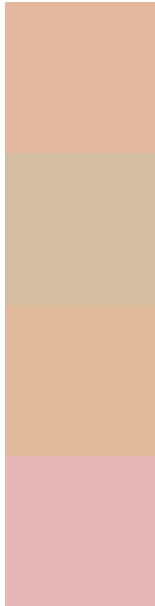
53.4337, 0.3688, 0.3618



Tritanopia

53.3606, 0.3446, 0.3133

Trichromacy



Original Color

53.3353, 0.3709, 0.3604

Protanomaly

53.3972, 0.3545, 0.3640

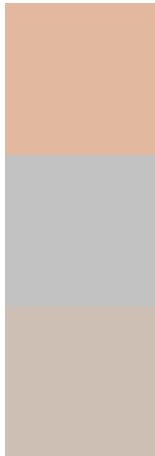
Deuteranomaly

53.5940, 0.3697, 0.3617

Tritanomaly

53.4501, 0.3546, 0.3303

Monochromacy



Original Color

53.3353, 0.3709, 0.3604

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7196, 0.3329, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3353, 0.3709, 0.3604 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, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 158)  
}
```

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, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 158) }
```

Border

The CSS property to change the border of an element to Yxy 53.3353, 0.3709, 0.3604 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, 185, 158) }
```

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

```
.border{ border-color:rgb(226, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(226, 185,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3353, 0.3709, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 158) }
```

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

```
.background{ background-color: rgb(226,  
185, 158) }
```

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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