

Converting Colors

Yxy(53.2909, 0.3771, 0.3590)

Have a look what the booklet for
Yxy(53.2909, 0.3771, 0.3590)
contains.

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Color

Yxy(53.2902, 0.3769, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	E7B79D
RGB	231, 183, 157
RGB Percent	91%, 72%, 62%
CMY	0.0943, 0.2823, 0.3844
CMYK	0.00, 0.21, 0.32, 0.09
HSL	21°, 61%, 76%
HSV	21°, 32%, 91%
XYZ	55.9629, 53.2902, 39.2290
YIQ	194.3880, 36.9540, 2.0900

Conversions

Conversions Part 2

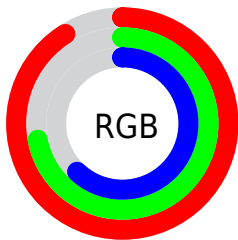
Format	Color
R _Y B	231, 197, 157
Decimal	15185821
CIE Lab	78.05, 13.70, 19.84
CIE LCh	78, 24.108, 55.361
Yxy	53.2902, 0.3769, 0.3589
Android (android.graphics.Color)	4293375901 (0xFFE7B79D)
YUV	194.3880, -18.4323, 32.1087
Hunter-Lab	73.0001, 9.0902, 19.2387

Details

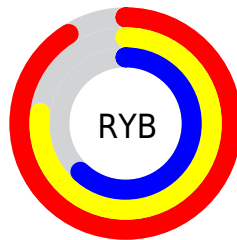
The Yxy color $53.2902, 0.3769, 0.3589$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $56.5585, 0.2631, 0.2968$, and the grayscale version is $54.2847, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.7465, 0.3407, 0.3559$, and $26.0045, 0.3937, 0.3651$ is the 20% darker color. If you saturate the color by 10%, you get $46.7267, 0.4041, 0.3685$, and if you desaturate by 10%, it is $60.6643, 0.3533, 0.3492$.

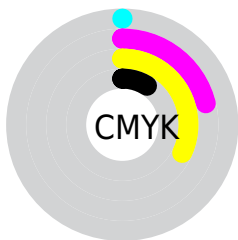
Distribution



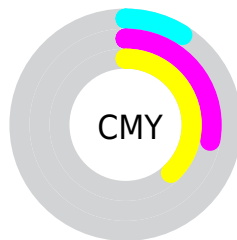
- Red (91%)
- Green (72%)
- Blue (62%)



- Red (91%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2902, 0.3769, 0.3589 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 53.2902, 0.3769, 0.3589 by changing the saturation by 10% instead.


 53.2902, 0.3769,
0.3589

 53.2902, 0.3769,
0.3589


399.3975, 0.3453,
0.3451

 38.0345, 0.3846,
0.3620


 95.0313, 0.3656,
0.3542

 26.0095, 0.3943,
0.3657


 122.2854, 0.3613,
0.3523

 16.8307, 0.4070,
0.3703


154.3078, 0.3576,
0.3507

 10.1139, 0.4243,
0.3760

191.4828, 0.3544,
0.3493

 5.4745, 0.4487,
0.3831

234.1949, 0.3517,
0.3480

 2.5283, 0.4864,
0.3915

282.8285, 0.3493,

 0.8908, 0.5797,

0.3470

0.4203

337.7679, 0.3472,
0.3460

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2902, 0.3769,
0.3589

53.2902, 0.3769,
0.3589

46.7267, 0.4041,
0.3685

60.6643, 0.3533,
0.3492

40.9376, 0.4349,
0.3772

68.8688, 0.3331,
0.3397

35.8945, 0.4685,
0.3840

77.9322, 0.3159,
0.3307

31.5644, 0.5034,
0.3877

87.8793, 0.3013,
0.3224

■ 27.9114, 0.5370,
0.3869

■ 95.7216, 0.2981,
0.3290

■ 24.8954, 0.5662,
0.3811

■ 22.9104, 0.5853,
0.3735

Harmonies

Analogous

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



53.2902, 0.3700, 0.3327



53.2902, 0.3769, 0.3589



53.2902, 0.3656, 0.3792

Triad

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



53.2902, 0.3769, 0.3589



53.2902, 0.2785, 0.3520



53.2902, 0.2836, 0.2767

Complementary

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



53.2902, 0.3769, 0.3589



56.5585, 0.2631, 0.2968

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.



53.2902, 0.2613, 0.2789



53.2902, 0.3769, 0.3589



53.2902, 0.2585, 0.3210

Square

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



53.2902, 0.3769, 0.3589



53.2902, 0.3082, 0.3769



53.2902, 0.2524, 0.2944



53.2902, 0.3147, 0.2869

Rectangle

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



53.2902, 0.3769, 0.3589



53.2902, 0.3498, 0.3860



53.2902, 0.2524, 0.2944



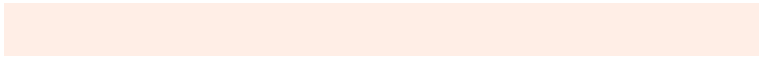
53.2902, 0.2749, 0.2760

Sweetspot

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



53.2927, 0.3769, 0.3589



88.3716, 0.3294, 0.3379



45.5027, 0.3392, 0.2755



18.5843, 0.3320, 0.3392



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.



53.2927, 0.3769, 0.3589



61.5228, 0.3933, 0.3649



70.5291, 0.3644, 0.3980



15.1937, 0.3284, 0.3373



13.0605, 0.5824, 0.3758



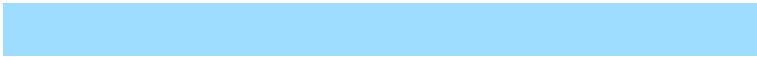
1.1349, 0.5544, 0.3980

Inverse Universe

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



56.5585, 0.2631, 0.2968



66.1551, 0.2539, 0.2896



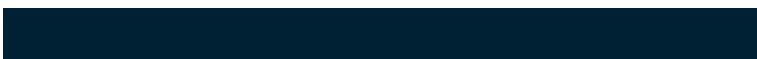
40.9702, 0.2573, 0.2490



15.4378, 0.2981, 0.3205



15.6492, 0.1916, 0.2098



1.3294, 0.1970, 0.2292

Previews

White Background



This preview shows how the Yxy color 53.2902, 0.3769, 0.3589 looks on a white background.

Color Contrast Check

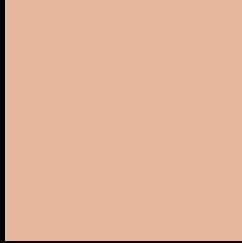
Large Text (above 18pt) WCAG AA × Fail

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 53.2902, 0.3769, 0.3589 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 53.2902, 0.3769, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 53.2902, 0.3769, 0.3589.



This preview shows how white text looks on a background with the Yxy color 53.2902, 0.3769, 0.3589.

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

53.2902, 0.3769, 0.3589

Protanopia

53.5859, 0.3460, 0.3672

Deuteranopia

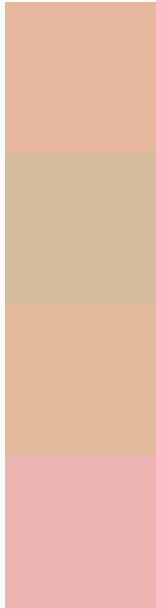
53.5257, 0.3714, 0.3640



Tritanopia

53.3087, 0.3511, 0.3135

Trichromacy



Original Color

53.2902, 0.3769, 0.3589

Protanomaly

53.2294, 0.3574, 0.3639

Deuteranomaly

53.4291, 0.3735, 0.3627

Tritanomaly

53.3896, 0.3612, 0.3303

Monochromacy



Original Color

53.2902, 0.3769, 0.3589

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4285, 0.3339, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2902, 0.3769, 0.3589 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(231, 183, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 157)  
}
```

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(231, 183, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 157) }
```

Border

The CSS property to change the border of an element to Yxy 53.2902, 0.3769, 0.3589 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(231, 183, 157) }
```

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

```
.border{ border-color:rgb(231, 183, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 183, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2902, 0.3769, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 157) }
```

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

```
.background{ background-color: rgb(231,  
183, 157) }
```

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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