

Converting Colors

$Yxy(50.9709, 0.3752, 0.3607)$

Have a look what the booklet for
Yxy(50.9709, 0.3752, 0.3607)
contains.

Yxy(50.7897, 0.3752, 0.3608)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7897, 0.3752, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	E0B499
RGB	224, 180, 153
RGB Percent	88%, 71%, 60%
CMY	0.1215, 0.2941, 0.3999
CMYK	0.00, 0.20, 0.32, 0.12
HSL	23°, 53%, 74%
HSV	23°, 32%, 88%
XYZ	52.8168, 50.7897, 37.1632
YIQ	190.0780, 34.8910, 0.9310

Conversions

Conversions Part 2

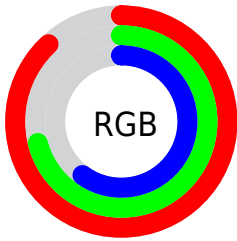
Format	Color
R _Y B	224, 197, 153
Decimal	14726297
CIE Lab	76.55, 12.14, 19.80
CIE LCh	77, 23.227, 58.488
Yxy	50.7897, 0.3752, 0.3608
Android (android.graphics.Color)	4292916377 (0xFFE0B499)
YUV	190.0780, -18.2795, 29.7496
Hunter-Lab	71.2669, 7.5715, 18.9692

Details

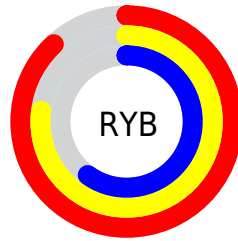
The Yxy color **50.7897, 0.3752, 0.3608** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1067, 0.2634, 0.2947**, and the grayscale version is **51.6347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7559, 0.3445, 0.3581**, and **24.4629, 0.3929, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **44.7902, 0.4016, 0.3711**, and if you desaturate by 10%, it is **57.4949, 0.3521, 0.3503**.

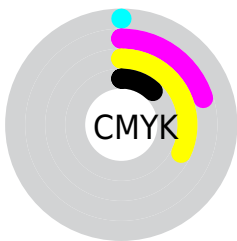
Distribution



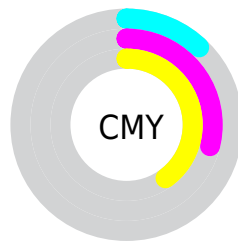
- Red (88%)
- Green (71%)
- Blue (60%)



- Red (88%)
- Yellow (77%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (12%)




- Cyan (12%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7897, 0.3752, 0.3608 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 50.7897, 0.3752, 0.3608 by changing the saturation by 10% instead.


 50.7897, 0.3752,
0.3608


 50.7897, 0.3752,
0.3608

389.7462, 0.3442,
0.3459

 36.0413, 0.3828,
0.3642


 91.3438, 0.3640,
0.3556

 24.4661, 0.3925,
0.3684


 117.9183, 0.3598,
0.3536

 15.6797, 0.4052,
0.3735


149.2036, 0.3562,
0.3519

 9.2978, 0.4225,
0.3800

185.5842, 0.3531,
0.3504

 4.9359, 0.4472,
0.3882

227.4443, 0.3505,
0.3490

 2.2097, 0.4885,
0.4007

275.1684, 0.3481,

 0.7253, 0.5782,

0.3479

0.4218

329.1409, 0.3460,
0.3468

0.0000, 0.0000,
0.0000

50.7897, 0.3752,
0.3608

50.7897, 0.3752,
0.3608

44.7902, 0.4016,
0.3711

57.4949, 0.3521,
0.3503

39.4650, 0.4313,
0.3806

64.9217, 0.3323,
0.3402

34.7907, 0.4636,
0.3881

73.0941, 0.3153,
0.3306

30.7395, 0.4970,
0.3926

82.0332, 0.3009,
0.3216

27.2815, 0.5293,
0.3926

91.0962, 0.2939,
0.3233

■ 24.3829, 0.5577,
0.3874

■ 94.5903, 0.2941,
0.3289

■ 22.3671, 0.5774,
0.3798

Harmonies

Analogous

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



50.7897, 0.3703, 0.3354



50.7897, 0.3752, 0.3608



50.7897, 0.3625, 0.3796

Triad

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



50.7897, 0.3752, 0.3608



50.7897, 0.2766, 0.3484



50.7897, 0.2871, 0.2782

Complementary

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



50.7897, 0.3752, 0.3608



52.1067, 0.2634, 0.2947

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.



50.7897, 0.2641, 0.2791



50.7897, 0.3752, 0.3608



50.7897, 0.2583, 0.3181

Square

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



50.7897, 0.3752, 0.3608



50.7897, 0.3050, 0.3739



50.7897, 0.2538, 0.2930



50.7897, 0.3181, 0.2894

Rectangle

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



50.7897, 0.3752, 0.3608



50.7897, 0.3462, 0.3852



50.7897, 0.2538, 0.2930



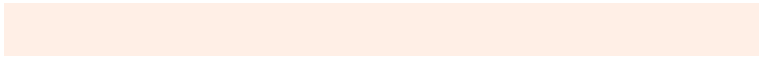
50.7897, 0.2782, 0.2771

Sweetspot

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



50.7921, 0.3752, 0.3608



88.7893, 0.3294, 0.3386



42.7147, 0.3399, 0.2775



18.6850, 0.3319, 0.3400



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.



50.7921, 0.3752, 0.3608



62.7271, 0.3922, 0.3676



66.5237, 0.3634, 0.3984



14.5499, 0.3283, 0.3380



13.2219, 0.5746, 0.3819



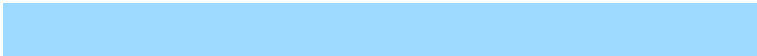
1.0854, 0.5458, 0.4048

Inverse Universe

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



52.1067, 0.2634, 0.2947



64.7348, 0.2534, 0.2863



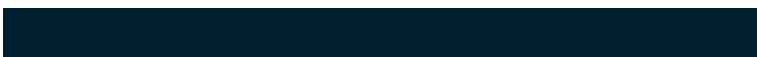
38.1681, 0.2579, 0.2485



14.6516, 0.2981, 0.3199



14.0891, 0.1889, 0.1999



1.1477, 0.1950, 0.2220

Previews

White Background



This preview shows how the Yxy color 50.7897, 0.3752, 0.3608 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 50.7897, 0.3752, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

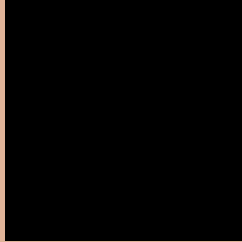
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7897, 0.3752, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 50.7897, 0.3752, 0.3608.



This preview shows how white text looks on a background with the Yxy color 50.7897, 0.3752, 0.3608.

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

50.7897, 0.3752, 0.3608

Protanopia

51.1089, 0.3475, 0.3692

Deuteranopia

50.9714, 0.3708, 0.3636



Tritanopia

50.7848, 0.3490, 0.3143

Trichromacy



Original Color

50.7897, 0.3752, 0.3608

Protanomaly

51.0734, 0.3571, 0.3658

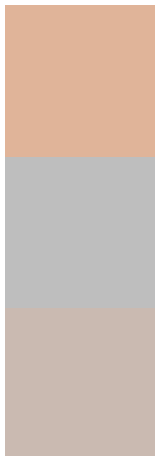
Deuteranomaly

50.7198, 0.3721, 0.3623

Tritanomaly

50.8703, 0.3593, 0.3314

Monochromacy



Original Color

50.7897, 0.3752, 0.3608

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8487, 0.3335, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7897, 0.3752, 0.3608 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(224, 180, 153)` looks like.

```
.text, #text, p{  
    color:rgb(224, 180, 153)  
}
```

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(224, 180, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.7897, 0.3752, 0.3608 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(224, 180, 153) }
```

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

```
.border{ border-color:rgb(224, 180, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 180, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 180, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 180, 153);  
box-shadow:4px 4px 4px 4px rgb(224, 180,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7897, 0.3752, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 180, 153) }
```

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

```
.background{ background-color: rgb(224,  
180, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor