

Converting Colors

$Yxy(50.6573, 0.3842, 0.3511)$

Have a look what the booklet for
Yxy(50.6573, 0.3842, 0.3511)
contains.

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Color

Yxy(50.7224, 0.3844, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	EBAF9C
RGB	235, 175, 156
RGB Percent	92%, 69%, 61%
CMY	0.0784, 0.3137, 0.3882
CMYK	0.00, 0.26, 0.34, 0.08
HSL	14°, 66%, 77%
HSV	14°, 34%, 92%
XYZ	55.5965, 50.7224, 38.3130
YIQ	190.7740, 41.8590, 6.8110

Conversions

Conversions Part 2

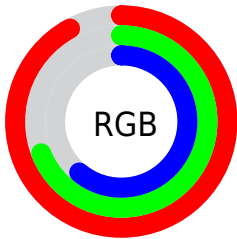
Format	Color
R _Y B	235, 181, 156
Decimal	15445916
CIE Lab	76.51, 19.40, 18.30
CIE LCh	77, 26.676, 43.328
Yxy	50.7224, 0.3844, 0.3507
Android (android.graphics.Color)	4293635996 (0xFFEBAF9C)
YUV	190.7740, -17.1436, 38.7862
Hunter-Lab	71.2197, 14.7088, 17.9584

Details

The Yxy color **50.7224, 0.3844, 0.3507** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.1917, 0.2621, 0.3060**, and the grayscale version is **52.0475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1150, 0.3427, 0.3491**, and **24.4040, 0.4046, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **43.5083, 0.4150, 0.3572**, and if you desaturate by 10%, it is **59.0141, 0.3584, 0.3440**.

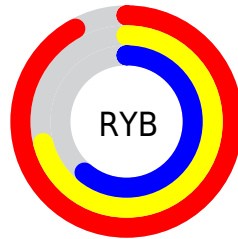
Distribution



Red (92%)

Green (69%)

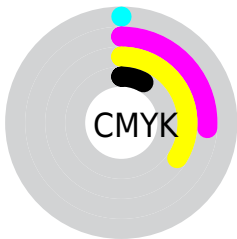
Blue (61%)



Red (92%)

Yellow (71%)

Blue (61%)

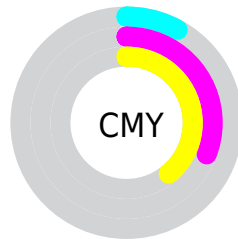


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (8%)



Cyan (8%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7224, 0.3844, 0.3507 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 50.7224, 0.3844, 0.3507 by changing the saturation by 10% instead.


 50.7224, 0.3844,
0.3507

 50.7224, 0.3844,
0.3507


389.4843, 0.3487,
0.3410

 35.9877, 0.3932,
0.3527


 91.2443, 0.3715,
0.3475

 24.4247, 0.4044,
0.3551


 117.8003, 0.3666,
0.3462

 15.6490, 0.4191,
0.3579


149.0656, 0.3625,
0.3450

 9.2761, 0.4393,
0.3611

185.4245, 0.3590,
0.3440

 4.9217, 0.4683,
0.3642

227.2614, 0.3559,
0.3432

 2.2014, 0.5146,
0.3669

274.9607, 0.3532,

 0.7208, 0.6248,

0.3424

0.3752

328.9069, 0.3508,
0.3417

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7224, 0.3844,
0.3507

50.7224, 0.3844,
0.3507

43.5083, 0.4150,
0.3572

59.0141, 0.3584,
0.3440

37.3198, 0.4502,
0.3628

68.4181, 0.3366,
0.3374

32.1114, 0.4890,
0.3667

78.9766, 0.3185,
0.3311

27.8312, 0.5290,
0.3677

90.7273, 0.3034,
0.3254

■ 24.4221, 0.5666,
0.3648

■ 96.4055, 0.3005,
0.3290

■ 21.8202, 0.5972,
0.3578

■ 20.5423, 0.6121,
0.3522

Harmonies

Analogous

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



50.7224, 0.3685, 0.3209



50.7224, 0.3844, 0.3507



50.7224, 0.3796, 0.3772

Triad

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



50.7224, 0.3844, 0.3507



50.7224, 0.2866, 0.3678



50.7224, 0.2685, 0.2698

Complementary

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



50.7224, 0.3844, 0.3507



62.1917, 0.2621, 0.3060

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.



50.7224, 0.2493, 0.2780



50.7224, 0.3844, 0.3507



50.7224, 0.2592, 0.3337

Square

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



50.7224, 0.3844, 0.3507



50.7224, 0.3220, 0.3901



50.7224, 0.2460, 0.3006



50.7224, 0.3001, 0.2759

Rectangle

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



50.7224, 0.3844, 0.3507



50.7224, 0.3657, 0.3893



50.7224, 0.2460, 0.3006



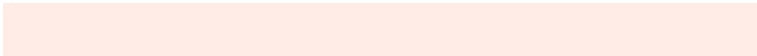
50.7224, 0.2605, 0.2709

Sweetspot

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



50.7248, 0.3844, 0.3507



86.7232, 0.3298, 0.3351



46.4312, 0.3326, 0.2634



18.1875, 0.3324, 0.3360



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.



50.7248, 0.3844, 0.3507



55.2100, 0.4039, 0.3550



68.1328, 0.3703, 0.3924



15.6419, 0.3287, 0.3347



11.5958, 0.6095, 0.3543



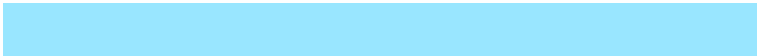
1.0565, 0.5827, 0.3755

Inverse Universe

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



62.1917, 0.2621, 0.3060



70.8534, 0.2530, 0.3007



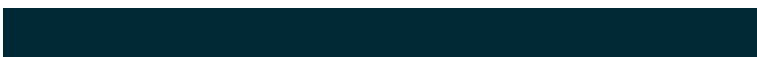
44.5408, 0.2557, 0.2562



16.4726, 0.2981, 0.3232



21.3798, 0.2026, 0.2495



1.8258, 0.2061, 0.2618

Previews

White Background



This preview shows how the Yxy color 50.7224, 0.3844, 0.3507 looks on a white background.

Color Contrast Check

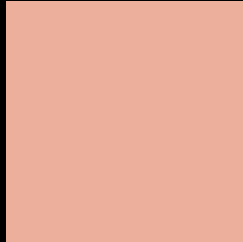
Large Text (above 18pt) WCAG AA × Fail

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 50.7224, 0.3844, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

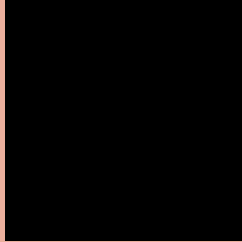
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7224, 0.3844, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 50.7224, 0.3844, 0.3507.



This preview shows how white text looks on a background with the Yxy color 50.7224, 0.3844, 0.3507.

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

50.7224, 0.3844, 0.3507

Protanopia

51.1816, 0.3417, 0.3616

Deuteranopia

50.8825, 0.3682, 0.3613



Tritanopia

50.7637, 0.3625, 0.3147

Trichromacy



Original Color

50.7224, 0.3844, 0.3507

Protanomaly

50.8161, 0.3570, 0.3582

Deuteranomaly

50.6143, 0.3747, 0.3572

Tritanomaly

50.5656, 0.3706, 0.3269

Monochromacy



Original Color

50.7224, 0.3844, 0.3507

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1777, 0.3372, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7224, 0.3844, 0.3507 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, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(235, 175, 156)  
}
```

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, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 175, 156) }
```

Border

The CSS property to change the border of an element to Yxy 50.7224, 0.3844, 0.3507 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, 175, 156) }
```

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

```
.border{ border-color:rgb(235, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(235, 175,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7224, 0.3844, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 175, 156) }
```

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

```
.background{ background-color: rgb(235,  
175, 156) }
```

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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