

Converting Colors

Yxy(50.3818, 0.3617, 0.3332)

Have a look what the booklet for
Yxy(50.3818, 0.3617, 0.3332)
contains.

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Color

Yxy(50.3987, 0.3613, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	E3B0AD
RGB	227, 176, 173
RGB Percent	89%, 69%, 68%
CMY	0.1098, 0.3098, 0.3215
CMYK	0.00, 0.22, 0.24, 0.11
HSL	3°, 49%, 78%
HSV	3°, 24%, 89%
XYZ	54.7476, 50.3987, 46.3832
YIQ	190.9070, 31.3590, 9.8790

Conversions

Conversions Part 2

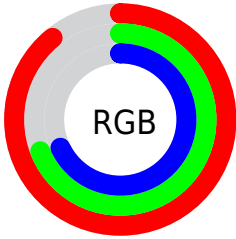
Format	Color
R _Y B	227, 176, 173
Decimal	14921901
CIE Lab	76.31, 18.12, 8.67
CIE LCh	76, 20.086, 25.587
Yxy	50.3987, 0.3613, 0.3326
Android (android.graphics.Color)	4293111981 (0xFFE3B0AD)
YUV	190.9070, -8.8282, 31.6536
Hunter-Lab	70.9920, 13.4194, 10.9569

Details

The Yxy color **50.3987, 0.3613, 0.3326** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.7475, 0.2774, 0.3254**, and the grayscale version is **52.0838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5747, 0.3311, 0.3330**, and **24.2043, 0.3751, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **41.8404, 0.3903, 0.3342**, and if you desaturate by 10%, it is **60.4390, 0.3378, 0.3310**.

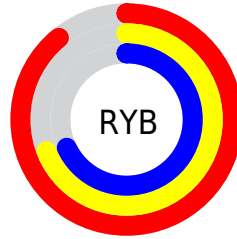
Distribution



Red (89%)

Green (69%)

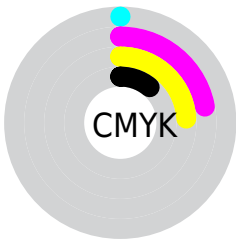
Blue (68%)



Red (89%)

Yellow (69%)

Blue (68%)

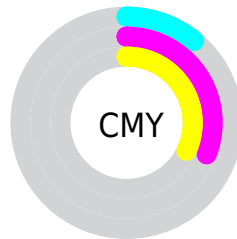


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3987, 0.3613, 0.3326 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 50.3987, 0.3613, 0.3326 by changing the saturation by 10% instead.

 50.3987, 0.3613,
0.3326

 50.3987, 0.3613,
0.3326


388.2231, 0.3371,
0.3312

 35.7303, 0.3673,
0.3328


 90.7653, 0.3525,
0.3322

 24.2260, 0.3750,
0.3330


117.2323, 0.3492,
0.3320

 15.5013, 0.3851,
0.3331


148.4010, 0.3465,
0.3319

 9.1720, 0.3992,
0.3331

184.6557, 0.3441,
0.3317

 4.8535, 0.4199,
0.3325

226.3809, 0.3420,
0.3316

 2.1616, 0.4531,
0.3304

273.9609, 0.3402,

 0.6989, 0.5709,

0.3315

0.3514

327.7802, 0.3386,
0.3314

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3987, 0.3613,
0.3326

50.3987, 0.3613,
0.3326

41.8404, 0.3903,
0.3342

60.4390, 0.3378,
0.3310

34.6874, 0.4255,
0.3358

72.0194, 0.3189,
0.3295

28.8666, 0.4668,
0.3370

85.2034, 0.3036,
0.3282

24.2957, 0.5126,
0.3377

95.0710, 0.2958,
0.3290

■ 20.8831, 0.5590,
0.3374

■ 18.5247, 0.5993,
0.3360

■ 17.0978, 0.6268,
0.3336

■ 16.6082, 0.6369,
0.3325

Harmonies

Analogous

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



50.3987, 0.3418, 0.3103



50.3987, 0.3613, 0.3326



50.3987, 0.3671, 0.3550

Triad

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



50.3987, 0.3613, 0.3326



50.3987, 0.3089, 0.3692



50.3987, 0.2689, 0.2863

Complementary

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



50.3987, 0.3613, 0.3326



67.7475, 0.2774, 0.3254

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.



50.3987, 0.2611, 0.2997



50.3987, 0.3613, 0.3326



50.3987, 0.2835, 0.3483

Square

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



50.3987, 0.3613, 0.3326



50.3987, 0.3360, 0.3777



50.3987, 0.2663, 0.3222



50.3987, 0.2882, 0.2842

Rectangle

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



50.3987, 0.3613, 0.3326



50.3987, 0.3624, 0.3672



50.3987, 0.2663, 0.3222



50.3987, 0.2649, 0.2895

Sweetspot

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



50.4010, 0.3613, 0.3326



88.6134, 0.3246, 0.3300



51.6210, 0.3176, 0.2727



18.7671, 0.3257, 0.3301



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.



50.4010, 0.3613, 0.3326



59.3584, 0.3762, 0.3335



61.9217, 0.3544, 0.3627



14.4954, 0.3291, 0.3304



9.7390, 0.6359, 0.3333



0.7652, 0.6245, 0.3423

Inverse Universe

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



67.7475, 0.2774, 0.3254



85.9826, 0.2701, 0.3245



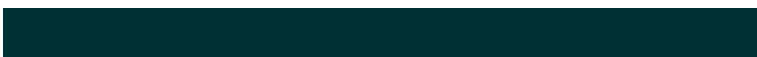
54.5038, 0.2747, 0.2928



16.1923, 0.2982, 0.3276



31.4644, 0.2199, 0.3117



2.3671, 0.2207, 0.3144

Previews

White Background



This preview shows how the Yxy color 50.3987, 0.3613, 0.3326 looks on a white background.

Color Contrast Check

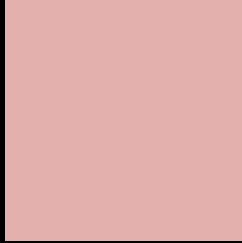
Large Text (above 18pt) WCAG AA × Fail

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 50.3987, 0.3613, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

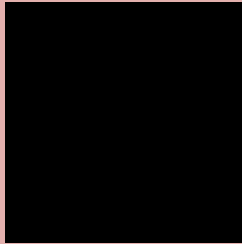
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3987, 0.3613, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 50.3987, 0.3613, 0.3326.



This preview shows how white text looks on a background with the Yxy color 50.3987, 0.3613, 0.3326.

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

50.3987, 0.3613, 0.3326

Protanopia

50.6904, 0.3247, 0.3403

Deuteranopia

50.5806, 0.3481, 0.3411



Tritanopia

50.5180, 0.3510, 0.3143

Trichromacy



Original Color

50.3987, 0.3613, 0.3326

Protanomaly

50.5771, 0.3373, 0.3376

Deuteranomaly

50.5265, 0.3531, 0.3386

Tritanomaly

50.5313, 0.3544, 0.3211

Monochromacy



Original Color

50.3987, 0.3613, 0.3326

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4159, 0.3295, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3987, 0.3613, 0.3326 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(227, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 173)  
}
```

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(227, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 173) }
```

Border

The CSS property to change the border of an element to Yxy 50.3987, 0.3613, 0.3326 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(227, 176, 173) }
```

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

```
.border{ border-color:rgb(227, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 176, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 176, 173); box-shadow:4px 4px 4px 4px rgb(227, 176, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3987, 0.3613, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 173) }
```

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

```
.background{ background-color: rgb(227,  
176, 173) }
```

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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