

Converting Colors

Yxy(50.1104, 0.3689, 0.3413)

Have a look what the booklet for
Yxy(50.1104, 0.3689, 0.3413)
contains.

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Color

Yxy(50.2613, 0.3694, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	E4B0A5
RGB	228, 176, 165
RGB Percent	89%, 69%, 65%
CMY	0.1060, 0.3097, 0.3529
CMYK	0.00, 0.23, 0.28, 0.11
HSL	10°, 54%, 77%
HSV	10°, 28%, 89%
XYZ	54.3040, 50.2613, 42.4406
YIQ	190.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

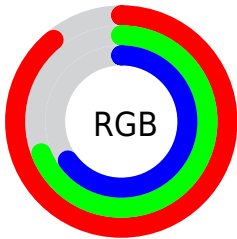
Format	Color
R _Y B	228, 178, 165
Decimal	14987429
CIE Lab	76.23, 17.35, 12.92
CIE LCh	76, 21.633, 36.674
Yxy	50.2613, 0.3694, 0.3419
Android (android.graphics.Color)	4293177509 (0xFFE4B0A5)
YUV	190.2940, -12.4699, 33.0682
Hunter-Lab	70.8952, 12.6599, 14.1334

Details

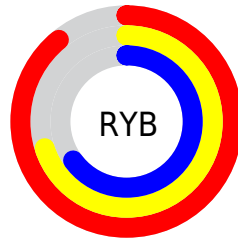
The Yxy color **50.2613, 0.3694, 0.3419** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.2019, 0.2713, 0.3156**, and the grayscale version is **51.7296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1405, 0.3365, 0.3410**, and **24.0161, 0.3852, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **42.6328, 0.3984, 0.3468**, and if you desaturate by 10%, it is **59.0645, 0.3453, 0.3370**.

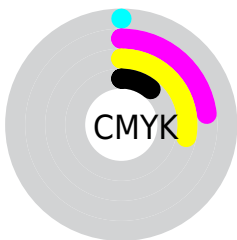
Distribution



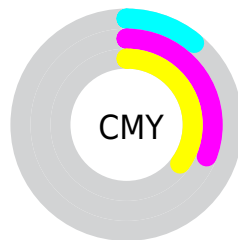
- Red (89%)
- Green (69%)
- Blue (65%)



- Red (89%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2613, 0.3694, 0.3419 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 50.2613, 0.3694, 0.3419 by changing the saturation by 10% instead.


 50.2613, 0.3694,
0.3419


 50.2613, 0.3694,
0.3419


387.6869, 0.3412,
0.3362

 35.6211, 0.3764,
0.3431


 90.5619, 0.3592,
0.3400

 24.1417, 0.3854,
0.3446


 116.9911, 0.3553,
0.3392

 15.4388, 0.3972,
0.3463

148.1187, 0.3521,
0.3385

 9.1279, 0.4135,
0.3482

184.3291, 0.3493,
0.3379

 4.8247, 0.4375,
0.3503

226.0067, 0.3468,
0.3374

 2.1448, 0.4755,
0.3515

273.5360, 0.3447,

 0.6896, 0.6151,

0.3370

0.3849

327.3012, 0.3428,
0.3365

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2613, 0.3694,
0.3419

50.2613, 0.3694,
0.3419

42.6328, 0.3984,
0.3468

59.0645, 0.3453,
0.3370

36.1223, 0.4326,
0.3513

69.0820, 0.3254,
0.3323

30.6790, 0.4718,
0.3548

80.3603, 0.3091,
0.3280

26.2453, 0.5141,
0.3565

92.8639, 0.2963,
0.3252

■ 22.7578, 0.5561,
0.3556

■ 95.2282, 0.2964,
0.3290

■ 20.1462, 0.5927,
0.3513

■ 18.3279, 0.6188,
0.3444

■ 17.9969, 0.6238,
0.3429

Harmonies

Analogous

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



50.2613, 0.3532, 0.3174



50.2613, 0.3694, 0.3419



50.2613, 0.3694, 0.3646

Triad

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



50.2613, 0.3694, 0.3419



50.2613, 0.2977, 0.3653



50.2613, 0.2720, 0.2808

Complementary

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



50.2613, 0.3694, 0.3419



63.2019, 0.2713, 0.3156

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.



50.2613, 0.2588, 0.2907



50.2613, 0.3694, 0.3419



50.2613, 0.2731, 0.3395

Square

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



50.2613, 0.3694, 0.3419



50.2613, 0.3272, 0.3801



50.2613, 0.2592, 0.3117



50.2613, 0.2962, 0.2831

Rectangle

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



50.2613, 0.3694, 0.3419



50.2613, 0.3604, 0.3756



50.2613, 0.2592, 0.3117



50.2613, 0.2662, 0.2827

Sweetspot

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



50.2636, 0.3694, 0.3419



88.4819, 0.3262, 0.3325



48.4363, 0.3247, 0.2710



18.5005, 0.3290, 0.3332



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.



50.2636, 0.3694, 0.3419



59.1302, 0.3850, 0.3447



63.8209, 0.3602, 0.3763



14.7734, 0.3288, 0.3332



10.5156, 0.6217, 0.3446



0.8974, 0.5954, 0.3655

Inverse Universe

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



63.2019, 0.2713, 0.3156



78.3480, 0.2635, 0.3126



48.7154, 0.2673, 0.2767



15.8849, 0.2981, 0.3248



24.1897, 0.2090, 0.2723



1.9007, 0.2115, 0.2815

Previews

White Background



This preview shows how the Yxy color 50.2613, 0.3694, 0.3419 looks on a white background.

Color Contrast Check

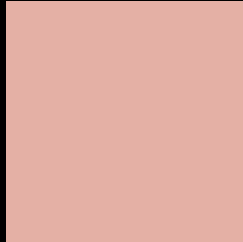
Large Text (above 18pt) WCAG AA × Fail

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 50.2613, 0.3694, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

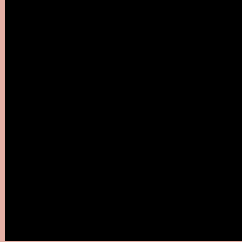
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2613, 0.3694, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 50.2613, 0.3694, 0.3419.



This preview shows how white text looks on a background with the Yxy color 50.2613, 0.3694, 0.3419.

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

50.2613, 0.3694, 0.3419

Protanopia

50.6425, 0.3328, 0.3504

Deuteranopia

50.1752, 0.3571, 0.3496



Tritanopia

50.2553, 0.3530, 0.3143

Trichromacy



Original Color

50.2613, 0.3694, 0.3419

Protanomaly

50.5554, 0.3458, 0.3474

Deuteranomaly

50.1362, 0.3622, 0.3469

Tritanomaly

50.1445, 0.3591, 0.3246

Monochromacy



Original Color

50.2613, 0.3694, 0.3419

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8715, 0.3321, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2613, 0.3694, 0.3419 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(228, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 176, 165)  
}
```

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(228, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 176, 165) }
```

Border

The CSS property to change the border of an element to Yxy 50.2613, 0.3694, 0.3419 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(228, 176, 165) }
```

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

```
.border{ border-color:rgb(228, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(228, 176,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2613, 0.3694, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 176, 165) }
```

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

```
.background{ background-color: rgb(228,  
176, 165) }
```

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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