

Converting Colors

Yxy(50.8986, 0.3644, 0.3369)

Have a look what the booklet for
Yxy(50.8986, 0.3644, 0.3369)
contains.

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Color

Yxy(50.8405, 0.3646, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	E4B1AA
RGB	228, 177, 170
RGB Percent	89%, 69%, 67%
CMY	0.1059, 0.3058, 0.3332
CMYK	0.00, 0.22, 0.25, 0.11
HSL	7°, 52%, 78%
HSV	7°, 25%, 89%
XYZ	54.9717, 50.8405, 44.9604
YIQ	191.4510, 32.6430, 8.6350

Conversions

Conversions Part 2

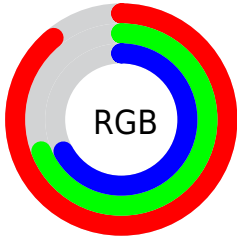
Format	Color
R _Y B	228, 178, 170
Decimal	14987690
CIE Lab	76.58, 17.52, 10.69
CIE LCh	77, 20.528, 31.393
Yxy	50.8405, 0.3646, 0.3372
Android (android.graphics.Color)	4293177770 (0xFFE4B1AA)
YUV	191.4510, -10.5753, 32.0535
Hunter-Lab	71.3025, 12.8376, 12.5260

Details

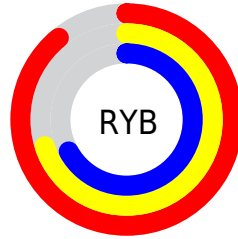
The Yxy color **50.8405, 0.3646, 0.3372** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.8674, 0.2747, 0.3206**, and the grayscale version is **52.4260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9741, 0.3330, 0.3370**, and **24.4940, 0.3797, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **42.7044, 0.3934, 0.3406**, and if you desaturate by 10%, it is **60.2951, 0.3409, 0.3338**.

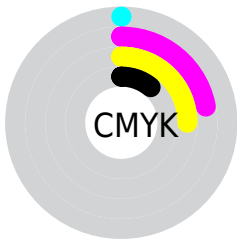
Distribution



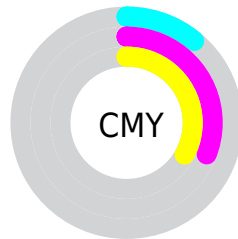
- Red (89%)
- Green (69%)
- Blue (67%)



- Red (89%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (11%)




- Cyan (11%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8405, 0.3646, 0.3372 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 50.8405, 0.3646, 0.3372 by changing the saturation by 10% instead.

 50.8405, 0.3646,
0.3372

 50.8405, 0.3646,
0.3372


389.9438, 0.3388,
0.3337

 36.0817, 0.3710,
0.3379


 91.4190, 0.3553,
0.3360

 24.4973, 0.3791,
0.3387

118.0074, 0.3517,
0.3356

 15.7029, 0.3899,
0.3397


149.3078, 0.3488,
0.3352

 9.3142, 0.4048,
0.3406

185.7047, 0.3462,
0.3348

 4.9467, 0.4267,
0.3415

227.5823, 0.3440,
0.3345

 2.2160, 0.4615,
0.3413

275.3251, 0.3420,

 0.7287, 0.5980,

0.3342

0.3782

329.3174, 0.3403,
0.3339

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8405, 0.3646,
0.3372

50.8405, 0.3646,
0.3372

42.7044, 0.3934,
0.3406

60.2951, 0.3409,
0.3338

35.8213, 0.4280,
0.3438

71.1157, 0.3216,
0.3306

30.1310, 0.4680,
0.3464

83.3563, 0.3059,
0.3277

25.5653, 0.5120,
0.3477

95.2318, 0.2964,
0.3290

■ 22.0492, 0.5563,
0.3471

■ 19.4984, 0.5951,
0.3441

■ 17.8151, 0.6225,
0.3392

■ 17.2965, 0.6312,
0.3370

Harmonies

Analogous

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



50.8405, 0.3470, 0.3141



50.8405, 0.3646, 0.3372



50.8405, 0.3674, 0.3594

Triad

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



50.8405, 0.3646, 0.3372



50.8405, 0.3034, 0.3667



50.8405, 0.2711, 0.2842

Complementary

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



50.8405, 0.3646, 0.3372



65.8674, 0.2747, 0.3206

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.



50.8405, 0.2607, 0.2956



50.8405, 0.3646, 0.3372



50.8405, 0.2787, 0.3436

Square

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



50.8405, 0.3646, 0.3372



50.8405, 0.3313, 0.3782



50.8405, 0.2634, 0.3171



50.8405, 0.2925, 0.2843

Rectangle

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



50.8405, 0.3646, 0.3372



50.8405, 0.3607, 0.3708



50.8405, 0.2634, 0.3171



50.8405, 0.2663, 0.2867

Sweetspot

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



50.8429, 0.3646, 0.3372



87.8360, 0.3263, 0.3315



50.4850, 0.3212, 0.2727



18.3392, 0.3291, 0.3319



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.



50.8429, 0.3646, 0.3372



59.2868, 0.3806, 0.3392



63.4271, 0.3567, 0.3693



14.6461, 0.3290, 0.3319



10.0789, 0.6295, 0.3383



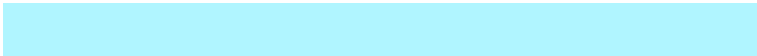
0.8371, 0.6080, 0.3554

Inverse Universe

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



65.8674, 0.2747, 0.3206



82.0410, 0.2669, 0.3185



51.9578, 0.2715, 0.2851



16.0245, 0.2982, 0.3261



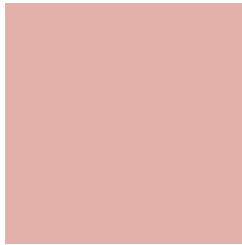
27.3509, 0.2141, 0.2907



2.1051, 0.2158, 0.2968

Previews

White Background



This preview shows how the Yxy color 50.8405, 0.3646, 0.3372 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 50.8405, 0.3646, 0.3372 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 50.8405, 0.3646, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 50.8405, 0.3646, 0.3372.



This preview shows how white text looks on a background with the Yxy color 50.8405, 0.3646, 0.3372.

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

50.8405, 0.3646, 0.3372

Protanopia

51.2655, 0.3287, 0.3453

Deuteranopia

50.7675, 0.3525, 0.3447



Tritanopia

50.7259, 0.3510, 0.3132

Trichromacy



Original Color

50.8405, 0.3646, 0.3372

Protanomaly

51.1638, 0.3414, 0.3425

Deuteranomaly

50.7227, 0.3575, 0.3421

Tritanomaly

50.6542, 0.3562, 0.3223

Monochromacy



Original Color

50.8405, 0.3646, 0.3372

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3741, 0.3303, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8405, 0.3646, 0.3372 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, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(228, 177, 170)  
}
```

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, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 177, 170) }
```

Border

The CSS property to change the border of an element to Yxy 50.8405, 0.3646, 0.3372 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, 177, 170) }
```

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

```
.border{ border-color:rgb(228, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(228, 177,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8405, 0.3646, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 177, 170) }
```

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

```
.background{ background-color: rgb(228,  
177, 170) }
```

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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