

Converting Colors

Yxy(50.8107, 0.3716, 0.3371)

Have a look what the booklet for
Yxy(50.8107, 0.3716, 0.3371)
contains.

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Color

Yxy(50.8107, 0.3716, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFA8
RGB	233, 175, 168
RGB Percent	91%, 69%, 66%
CMY	0.0861, 0.3138, 0.3411
CMYK	0.00, 0.25, 0.28, 0.09
HSL	6°, 60%, 79%
HSV	6°, 28%, 91%
XYZ	56.0108, 50.8107, 43.9073
YIQ	191.5440, 36.8150, 10.1190

Conversions

Conversions Part 2

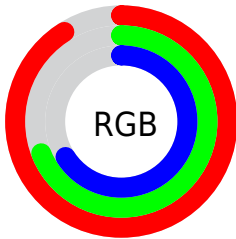
Format	Color
R _Y B	233, 176, 168
Decimal	15314856
CIE Lab	76.56, 20.21, 11.83
CIE LCh	77, 23.420, 30.351
Yxy	50.8107, 0.3716, 0.3371
Android (android.graphics.Color)	4293504936 (0xFFE9AFA8)
YUV	191.5440, -11.6072, 36.3569
Hunter-Lab	71.2816, 15.5168, 13.3763

Details

The Yxy color **50.8107, 0.3716, 0.3371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.6345, 0.2714, 0.3207**, and the grayscale version is **52.4881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7395, 0.3346, 0.3370**, and **24.4101, 0.3881, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **42.5378, 0.4021, 0.3401**, and if you desaturate by 10%, it is **60.4914, 0.3465, 0.3341**.

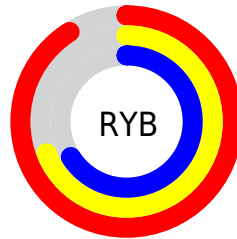
Distribution



Red (91%)

Green (69%)

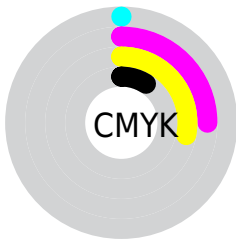
Blue (66%)



Red (91%)

Yellow (69%)

Blue (66%)

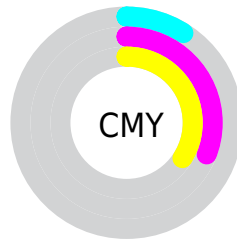


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8107, 0.3716, 0.3371 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 50.8107, 0.3716, 0.3371 by changing the saturation by 10% instead.


 50.8107, 0.3716,
0.3371

 50.8107, 0.3716,
0.3371


389.8279, 0.3423,
0.3338

 36.0580, 0.3788,
0.3377


 91.3749, 0.3610,
0.3360

 24.4790, 0.3881,
0.3384


 117.9552, 0.3570,
0.3356

 15.6893, 0.4003,
0.3391


149.2467, 0.3536,
0.3352

 9.3046, 0.4172,
0.3397

185.6340, 0.3507,
0.3349

 4.9404, 0.4419,
0.3398

227.5013, 0.3482,
0.3345

 2.2123, 0.4810,
0.3380

275.2332, 0.3460,

 0.7267, 0.6291,

0.3343

0.3709

329.2139, 0.3440,
0.3340

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8107, 0.3716,
0.3371

50.8107, 0.3716,
0.3371

42.5378, 0.4021,
0.3401

60.4914, 0.3465,
0.3341

35.6003, 0.4385,
0.3429

71.6337, 0.3261,
0.3312

29.9302, 0.4804,
0.3449

84.2973, 0.3095,
0.3285

25.4506, 0.5254,
0.3456

96.0691, 0.2994,
0.3290

■ 22.0761, 0.5692,
0.3445

■ 19.7100, 0.6056,
0.3413

■ 18.2369, 0.6291,
0.3365

■ 18.0246, 0.6327,
0.3358

Harmonies

Analogous

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



50.8107, 0.3509, 0.3112



50.8107, 0.3716, 0.3371



50.8107, 0.3754, 0.3625

Triad

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



50.8107, 0.3716, 0.3371



50.8107, 0.3030, 0.3730



50.8107, 0.2648, 0.2783

Complementary

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



50.8107, 0.3716, 0.3371



68.6345, 0.2714, 0.3207

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.



50.8107, 0.2536, 0.2915



50.8107, 0.3716, 0.3371



50.8107, 0.2748, 0.3467

Square

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



50.8107, 0.3716, 0.3371



50.8107, 0.3348, 0.3855



50.8107, 0.2571, 0.3162



50.8107, 0.2886, 0.2782

Rectangle

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



50.8107, 0.3716, 0.3371



50.8107, 0.3680, 0.3759



50.8107, 0.2571, 0.3162



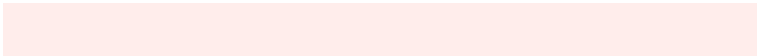
50.8107, 0.2595, 0.2812

Sweetspot

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



50.8131, 0.3716, 0.3371



87.6813, 0.3264, 0.3312



50.8597, 0.3212, 0.2660



18.3006, 0.3292, 0.3316



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.



50.8131, 0.3716, 0.3371



56.7885, 0.3869, 0.3387



64.7946, 0.3620, 0.3723



15.3141, 0.3290, 0.3316



10.3101, 0.6312, 0.3370



0.8966, 0.6123, 0.3520

Inverse Universe

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



68.6345, 0.2714, 0.3207



81.7547, 0.2643, 0.3189



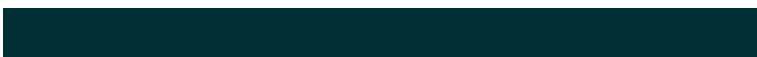
52.8045, 0.2673, 0.2814



16.8296, 0.2981, 0.3264



29.0462, 0.2153, 0.2950



2.3600, 0.2167, 0.3001

Previews

White Background



This preview shows how the Yxy color 50.8107, 0.3716, 0.3371 looks on a white background.

Color Contrast Check

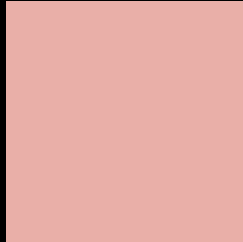
Large Text (above 18pt) WCAG AA × Fail

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 50.8107, 0.3716, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

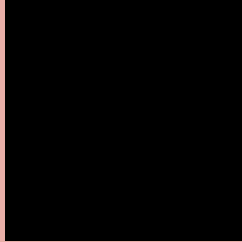
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8107, 0.3716, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 50.8107, 0.3716, 0.3371.



This preview shows how white text looks on a background with the Yxy color 50.8107, 0.3716, 0.3371.

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

50.8107, 0.3716, 0.3371

Protanopia

51.2261, 0.3295, 0.3466

Deuteranopia

50.8448, 0.3551, 0.3471



Tritanopia

50.7124, 0.3577, 0.3135

Trichromacy



Original Color

50.8107, 0.3716, 0.3371

Protanomaly

50.8148, 0.3441, 0.3437

Deuteranomaly

50.5598, 0.3613, 0.3433

Tritanomaly

50.6342, 0.3630, 0.3224

Monochromacy



Original Color

50.8107, 0.3716, 0.3371

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.8021, 0.3329, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8107, 0.3716, 0.3371 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(233, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 168)  
}
```

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(233, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 168) }
```

Border

The CSS property to change the border of an element to Yxy 50.8107, 0.3716, 0.3371 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(233, 175, 168) }
```

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

```
.border{ border-color:rgb(233, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8107, 0.3716, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 168) }
```

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

```
.background{ background-color: rgb(233,  
175, 168) }
```

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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