

Converting Colors

$Yxy(51.0490, 0.3660, 0.3318)$

Have a look what the booklet for
Yxy(51.0490, 0.3660, 0.3318)
contains.

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Color

Yxy(50.8329, 0.3661, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	E8AFAD
RGB	232, 175, 173
RGB Percent	91%, 69%, 68%
CMY	0.0902, 0.3137, 0.3215
CMYK	0.00, 0.25, 0.25, 0.09
HSL	2°, 56%, 79%
HSV	2°, 25%, 91%
XYZ	56.1555, 50.8329, 46.4000
YIQ	191.8150, 34.6140, 11.4620

Conversions

Conversions Part 2

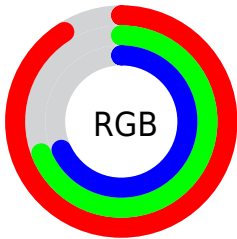
Format	Color
R _Y B	232, 175, 173
Decimal	15249325
CIE Lab	76.58, 20.51, 9.11
CIE LCh	77, 22.445, 23.952
Yxy	50.8329, 0.3661, 0.3314
Android (android.graphics.Color)	4293439405 (0xFFE8AFAD)
YUV	191.8150, -9.2758, 35.2422
Hunter-Lab	71.2972, 15.8210, 11.3223

Details

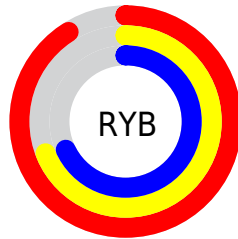
The Yxy color **50.8329, 0.3661, 0.3314** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.3273, 0.2753, 0.3266**, and the grayscale version is **52.6412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0133, 0.3313, 0.3320**, and **24.4135, 0.3805, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **41.9973, 0.3965, 0.3324**, and if you desaturate by 10%, it is **61.2787, 0.3415, 0.3304**.

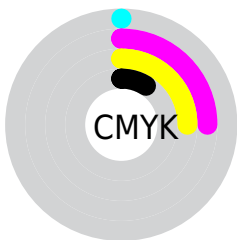
Distribution



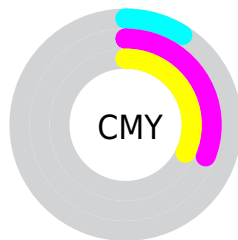
- Red (91%)
- Green (69%)
- Blue (68%)



- Red (91%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (9%)




- Cyan (9%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8329, 0.3661, 0.3314 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 50.8329, 0.3661, 0.3314 by changing the saturation by 10% instead.


 50.8329, 0.3661,
0.3314

 50.8329, 0.3661,
0.3314


389.9142, 0.3396,
0.3307

 36.0756, 0.3727,
0.3314


 91.4077, 0.3565,
0.3313

 24.4926, 0.3811,
0.3314


117.9941, 0.3529,
0.3312

 15.6994, 0.3921,
0.3311


149.2922, 0.3498,
0.3311

 9.3117, 0.4075,
0.3306

185.6866, 0.3472,
0.3310

 4.9451, 0.4300,
0.3292

227.5616, 0.3449,
0.3309

 2.2151, 0.4659,
0.3256

275.3016, 0.3429,

 0.7282, 0.5846,

0.3309

329.2910, 0.3411,
0.3308

0.3422

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8329, 0.3661,
0.3314

50.8329, 0.3661,
0.3314

41.9973, 0.3965,
0.3324

61.2787, 0.3415,
0.3304

34.6851, 0.4334,
0.3334

73.4016, 0.3217,
0.3295

28.8124, 0.4764,
0.3341

87.2733, 0.3059,
0.3286

24.2842, 0.5235,
0.3344

95.8973, 0.2988,
0.3290

■ 20.9942, 0.5697,
0.3342

■ 18.8199, 0.6080,
0.3332

■ 17.6140, 0.6319,
0.3317

■ 17.3258, 0.6382,
0.3314

Harmonies

Analogous

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



50.8329, 0.3436, 0.3070



50.8329, 0.3661, 0.3314



50.8329, 0.3735, 0.3564

Triad

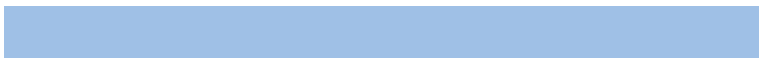
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.8329, 0.3661, 0.3314



50.8329, 0.3100, 0.3750



50.8329, 0.2633, 0.2820

Complementary

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



50.8329, 0.3661, 0.3314



71.3273, 0.2753, 0.3266

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.



50.8329, 0.2555, 0.2973



50.8329, 0.3661, 0.3314



50.8329, 0.2815, 0.3520

Square

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



50.8329, 0.3661, 0.3314



50.8329, 0.3401, 0.3835



50.8329, 0.2619, 0.3228



50.8329, 0.2839, 0.2792

Rectangle

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



50.8329, 0.3661, 0.3314



50.8329, 0.3687, 0.3704



50.8329, 0.2619, 0.3228



50.8329, 0.2591, 0.2858

Sweetspot

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



50.8353, 0.3661, 0.3314



86.8136, 0.3265, 0.3297



52.7701, 0.3172, 0.2678



18.0843, 0.3294, 0.3299



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.



50.8353, 0.3661, 0.3314



56.4705, 0.3828, 0.3320



63.5914, 0.3581, 0.3641



14.4448, 0.3292, 0.3298



9.6539, 0.6375, 0.3320



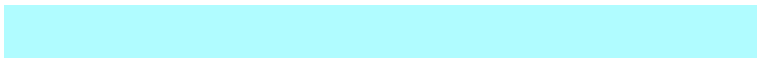
0.7408, 0.6305, 0.3376

Inverse Universe

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



71.3273, 0.2753, 0.3266



86.2885, 0.2677, 0.3260



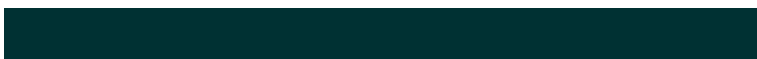
56.2784, 0.2720, 0.2911



16.2493, 0.2982, 0.3282



32.9410, 0.2218, 0.3185



2.4603, 0.2223, 0.3201

Previews

White Background



This preview shows how the Yxy color 50.8329, 0.3661, 0.3314 looks on a white background.

Color Contrast Check

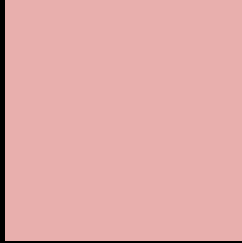
Large Text (above 18pt) WCAG AA × Fail

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 50.8329, 0.3661, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

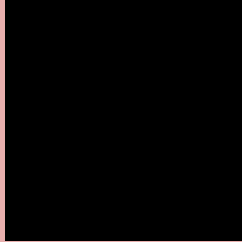
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8329, 0.3661, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 50.8329, 0.3661, 0.3314.



This preview shows how white text looks on a background with the Yxy color 50.8329, 0.3661, 0.3314.

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

50.8329, 0.3661, 0.3314

Protanopia

50.8638, 0.3248, 0.3390

Deuteranopia

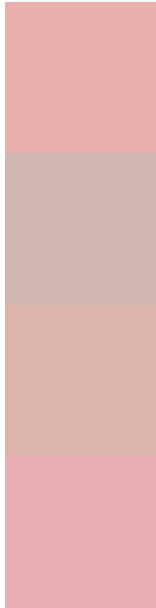
51.1417, 0.3488, 0.3423



Tritanopia

50.7559, 0.3557, 0.3145

Trichromacy



Original Color

50.8329, 0.3661, 0.3314

Protanomaly

50.4512, 0.3392, 0.3364

Deuteranomaly

50.9932, 0.3558, 0.3385

Tritanomaly

50.9319, 0.3600, 0.3212

Monochromacy



Original Color

50.8329, 0.3661, 0.3314

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.8860, 0.3313, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8329, 0.3661, 0.3314 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(232, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(232, 175, 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(232, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 175, 173) }
```

Border

The CSS property to change the border of an element to Yxy 50.8329, 0.3661, 0.3314 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(232, 175, 173) }
```

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

```
.border{ border-color:rgb(232, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(232, 175,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8329, 0.3661, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 175, 173) }
```

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

```
.background{ background-color: rgb(232,  
175, 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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