

Converting Colors

$Y_{xy}(46.4201, 0.3816, 0.3315)$

Have a look what the booklet for
Yxy(46.4201, 0.3816, 0.3315)
contains.

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Color

Yxy(46.4832, 0.3808, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	E9A4A2
RGB	233, 164, 162
RGB Percent	91%, 64%, 64%
CMY	0.0864, 0.3568, 0.3647
CMYK	0.00, 0.30, 0.30, 0.09
HSL	2°, 62%, 77%
HSV	2°, 30%, 91%
XYZ	53.3961, 46.4832, 40.3415
YIQ	184.4030, 41.7660, 14.0060

Conversions

Conversions Part 2

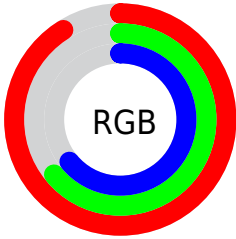
Format	Color
R _Y B	233, 164, 162
Decimal	15312034
CIE Lab	73.86, 25.25, 11.28
CIE LCh	74, 27.653, 24.077
Yxy	46.4832, 0.3808, 0.3315
Android (android.graphics.Color)	4293502114 (0xFFE9A4A2)
YUV	184.4030, -11.0447, 42.6196
Hunter-Lab	68.1786, 20.4850, 12.6429

Details

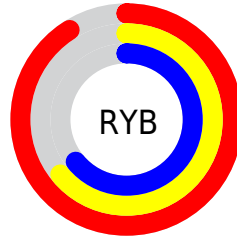
The Yxy color **46.4832, 0.3808, 0.3315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.6962, 0.2687, 0.3265**, and the grayscale version is **48.2133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9328, 0.3404, 0.3311**, and **21.9442, 0.4014, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **38.3371, 0.4145, 0.3324**, and if you desaturate by 10%, it is **56.2292, 0.3533, 0.3306**.

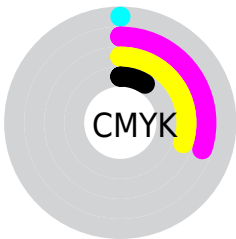
Distribution



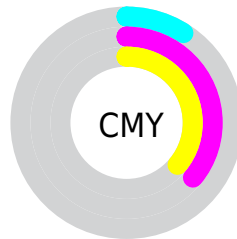
- Red (91%)
- Green (64%)
- Blue (64%)



- Red (91%)
- Yellow (64%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4832, 0.3808, 0.3315 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 46.4832, 0.3808, 0.3315 by changing the saturation by 10% instead.


 46.4832, 0.3808,
0.3315


 46.4832, 0.3808,
0.3315

372.7479, 0.3464,
0.3311

 32.6273, 0.3895,
0.3314


 84.9417, 0.3682,
0.3315

 21.8411, 0.4006,
0.3310


 110.3131, 0.3635,
0.3315

 13.7402, 0.4155,
0.3304


140.2917, 0.3596,
0.3314

 7.9402, 0.4363,
0.3289


175.2620, 0.3562,
0.3313

 4.0567, 0.4671,
0.3257

215.6084, 0.3532,
0.3313

 1.7053, 0.5174,
0.3181

261.7152, 0.3507,

 0.4271, 0.7080,

0.3312

0.2920

313.9669, 0.3484,
0.3311

0.0000, 0.0000,
0.0000

46.4832, 0.3808,
0.3315

46.4832, 0.3808,
0.3315

38.3371, 0.4145,
0.3324

56.2292, 0.3533,
0.3306

31.6994, 0.4548,
0.3331

67.6472, 0.3312,
0.3298

26.4794, 0.5005,
0.3336

80.8129, 0.3134,
0.3290

22.5740, 0.5481,
0.3337

95.7827, 0.2993,
0.3285

19.8662, 0.5912,
0.3331

96.0599, 0.2993,
0.3290

■ 18.2184, 0.6227,
0.3320

■ 17.4633, 0.6385,
0.3312

Harmonies

Analogous

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



46.4832, 0.3519, 0.3014



46.4832, 0.3808, 0.3315



46.4832, 0.3900, 0.3628

Triad

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



46.4832, 0.3808, 0.3315



46.4832, 0.3086, 0.3882



46.4832, 0.2507, 0.2697

Complementary

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



46.4832, 0.3808, 0.3315



70.6962, 0.2687, 0.3265

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.



46.4832, 0.2410, 0.2883



46.4832, 0.3808, 0.3315



46.4832, 0.2729, 0.3582

Square

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



46.4832, 0.3808, 0.3315



46.4832, 0.3468, 0.3987



46.4832, 0.2488, 0.3204



46.4832, 0.2764, 0.2668

Rectangle

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



46.4832, 0.3808, 0.3315



46.4832, 0.3836, 0.3808



46.4832, 0.2488, 0.3204



46.4832, 0.2456, 0.2742

Sweetspot

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



46.4854, 0.3808, 0.3315



85.1976, 0.3284, 0.3297



48.9765, 0.3172, 0.2545



17.7594, 0.3313, 0.3298



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.



46.4854, 0.3808, 0.3315



50.1309, 0.4027, 0.3321



60.6255, 0.3692, 0.3701



15.1224, 0.3292, 0.3297



9.9412, 0.6380, 0.3316



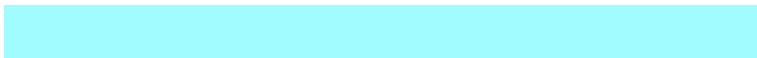
0.8048, 0.6323, 0.3362

Inverse Universe

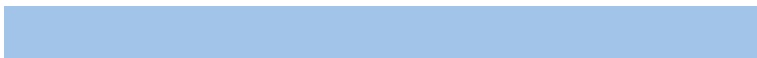
The Inverse Universe completely reimagines the original color for something new.



70.6962, 0.2687, 0.3265



84.5858, 0.2604, 0.3259



53.1826, 0.2638, 0.2839



17.0443, 0.2981, 0.3283



34.3562, 0.2223, 0.3201



2.7209, 0.2226, 0.3214

Previews

White Background



This preview shows how the Yxy color 46.4832, 0.3808, 0.3315 looks on a white background.

Color Contrast Check

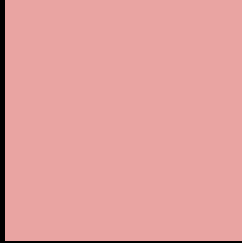
Large Text (above 18pt) WCAG AA × Fail

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 46.4832, 0.3808, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

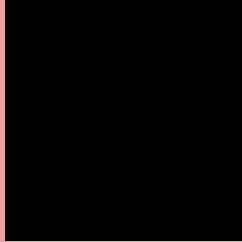
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4832, 0.3808, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 46.4832, 0.3808, 0.3315.



This preview shows how white text looks on a background with the Yxy color 46.4832, 0.3808, 0.3315.

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

46.4832, 0.3808, 0.3315

Protanopia

46.6794, 0.3269, 0.3420

Deuteranopia

46.4634, 0.3548, 0.3478



Tritanopia

46.3891, 0.3707, 0.3156

Trichromacy



Original Color

46.4832, 0.3808, 0.3315

Protanomaly

46.3245, 0.3450, 0.3378

Deuteranomaly

46.2980, 0.3635, 0.3413

Tritanomaly

46.5891, 0.3743, 0.3212

Monochromacy



Original Color

46.4832, 0.3808, 0.3315

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1354, 0.3358, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4832, 0.3808, 0.3315 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, 164, 162)` looks like.

```
.text, #text, p{  
    color:rgb(233, 164, 162)  
}
```

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, 164, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 164, 162) }
```

Border

The CSS property to change the border of an element to Yxy 46.4832, 0.3808, 0.3315 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, 164, 162) }
```

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

```
.border{ border-color:rgb(233, 164, 162) }
```

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

Here you see how a box with a 4 pixel rgb(233, 164, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 164, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 164, 162);  
box-shadow:4px 4px 4px 4px rgb(233, 164,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4832, 0.3808, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 164, 162) }
```

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

```
.background{ background-color: rgb(233,  
164, 162) }
```

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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