

Converting Colors

$Yxy(62.8966, 0.3489, 0.3434)$

Have a look what the booklet for
Yxy(62.8966, 0.3489, 0.3434)
contains.

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Color

Yxy(62.8966, 0.3489, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	EAC9BC
RGB	234, 201, 188
RGB Percent	92%, 79%, 74%
CMY	0.0822, 0.2118, 0.2627
CMYK	0.00, 0.14, 0.20, 0.08
HSL	17°, 52%, 83%
HSV	17°, 20%, 92%
XYZ	63.9040, 62.8966, 56.3578
YIQ	209.3850, 23.8410, 2.9530

Conversions

Conversions Part 2

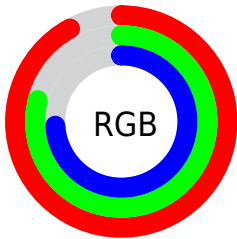
Format	Color
R _Y B	234, 206, 188
Decimal	15387068
CIE Lab	83.39, 9.63, 10.78
CIE LCh	83, 14.453, 48.219
Yxy	62.8966, 0.3489, 0.3434
Android (android.graphics.Color)	4293577148 (0xFFEAC9BC)
YUV	209.3850, -10.5428, 21.5874
Hunter-Lab	79.3074, 5.0431, 13.3822

Details

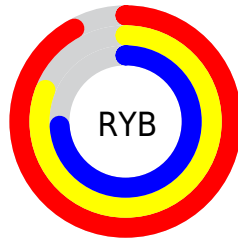
The Yxy color **62.8966, 0.3489, 0.3434** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3769, 0.2824, 0.3141**, and the grayscale version is **64.0876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **32.0817, 0.3581, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **54.5604, 0.3726, 0.3512**, and if you desaturate by 10%, it is **72.2591, 0.3289, 0.3359**.

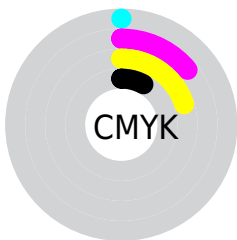
Distribution



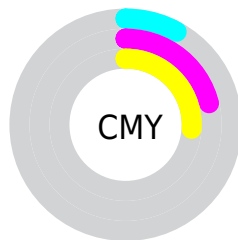
- Red (92%)
- Green (79%)
- Blue (74%)



- Red (92%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8966, 0.3489, 0.3434 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 62.8966, 0.3489, 0.3434 by changing the saturation by 10% instead.

 62.8966, 0.3489,
0.3434

 62.8966, 0.3489,
0.3434


435.1941, 0.3316,
0.3368

 45.7576, 0.3530,
0.3449


 109.0203, 0.3428,
0.3411

 32.0546, 0.3581,
0.3467

138.7738, 0.3404,
0.3402

 21.4032, 0.3648,
0.3490


173.5009, 0.3384,
0.3395

 13.4190, 0.3736,
0.3519

213.5860, 0.3367,
0.3388

 7.7177, 0.3861,
0.3558

259.4134, 0.3352,
0.3382

 3.9149, 0.4049,
0.3610

311.3677, 0.3338,

 1.6260, 0.4364,

0.3377

0.3686

369.8331, 0.3327,
0.3372

0.3751, 0.6120,
0.3880

0.0000, 0.0000,
0.0000

62.8966, 0.3489,
0.3434

62.8966, 0.3489,
0.3434

54.5604, 0.3726,
0.3512

72.2591, 0.3289,
0.3359

47.2067, 0.4005,
0.3590

82.6730, 0.3122,
0.3288

40.8009, 0.4326,
0.3662

93.9634, 0.3000,
0.3254

35.3030, 0.4685,
0.3719

96.2375, 0.3000,
0.3290

■ 30.6703, 0.5065,
0.3749

■ 26.8559, 0.5439,
0.3742

■ 23.8082, 0.5768,
0.3689

■ 21.4627, 0.6022,
0.3597

■ 21.3941, 0.6030,
0.3594

Harmonies

Analogous

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



62.8966, 0.3426, 0.3279



62.8966, 0.3489, 0.3434



62.8966, 0.3452, 0.3557

Triad

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



62.8966, 0.3489, 0.3434



62.8966, 0.2971, 0.3457



62.8966, 0.2925, 0.2982

Complementary

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



62.8966, 0.3489, 0.3434



68.3769, 0.2824, 0.3141

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.



62.8966, 0.2811, 0.3019



62.8966, 0.3489, 0.3434



62.8966, 0.2836, 0.3290

Square

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



62.8966, 0.3489, 0.3434



62.8966, 0.3149, 0.3577



62.8966, 0.2779, 0.3130



62.8966, 0.3097, 0.3024

Rectangle

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



62.8966, 0.3489, 0.3434



62.8966, 0.3376, 0.3604



62.8966, 0.2779, 0.3130



62.8966, 0.2879, 0.2986

Sweetspot

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



62.8994, 0.3489, 0.3434



92.2438, 0.3225, 0.3332



58.7323, 0.3243, 0.2927



19.5694, 0.3236, 0.3337



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.



62.8994, 0.3489, 0.3434



71.7643, 0.3590, 0.3469



74.0615, 0.3444, 0.3671



15.7457, 0.3286, 0.3357



12.2027, 0.6002, 0.3616



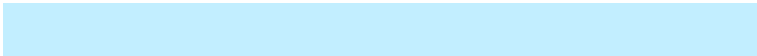
1.1164, 0.5730, 0.3832

Inverse Universe

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



68.3769, 0.2824, 0.3141



79.6608, 0.2756, 0.3104



57.3692, 0.2808, 0.2878



16.3621, 0.2981, 0.3222



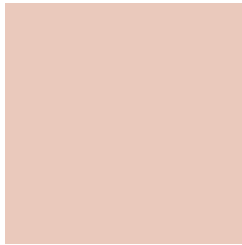
19.3008, 0.1985, 0.2347



1.6772, 0.2026, 0.2493

Previews

White Background



This preview shows how the Yxy color 62.8966, 0.3489, 0.3434 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 62.8966, 0.3489, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

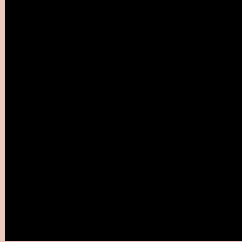
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8966, 0.3489, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 62.8966, 0.3489, 0.3434.



This preview shows how white text looks on a background with the Yxy color 62.8966, 0.3489, 0.3434.

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

62.8966, 0.3489, 0.3434

Protanopia

62.9862, 0.3311, 0.3474

Deuteranopia

63.0663, 0.3497, 0.3434



Tritanopia

62.7411, 0.3325, 0.3119

Trichromacy



Original Color

62.8966, 0.3489, 0.3434

Protanomaly

63.0683, 0.3377, 0.3460

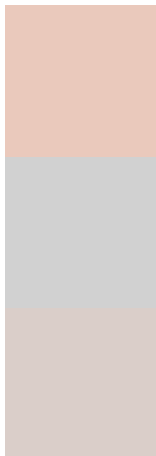
Deuteranomaly

63.0663, 0.3497, 0.3434

Tritanomaly

62.5807, 0.3386, 0.3226

Monochromacy



Original Color

62.8966, 0.3489, 0.3434

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2651, 0.3255, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8966, 0.3489, 0.3434 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(234, 201, 188)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 188)  
}
```

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(234, 201, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 188) }
```

Border

The CSS property to change the border of an element to Yxy 62.8966, 0.3489, 0.3434 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(234, 201, 188) }
```

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

```
.border{ border-color:rgb(234, 201, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 201, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 188);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8966, 0.3489, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 188) }
```

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

```
.background{ background-color: rgb(234,  
201, 188) }
```

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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