

Converting Colors

$Yxy(68.4278, 0.3429, 0.3497)$

Have a look what the booklet for
Yxy(68.4278, 0.3429, 0.3497)
contains.

Yxy(68.4296, 0.3430, 0.3497)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.4296, 0.3430, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	EAD4C1
RGB	234, 212, 193
RGB Percent	92%, 83%, 76%
CMY	0.0821, 0.1687, 0.2431
CMYK	0.00, 0.09, 0.18, 0.08
HSL	28°, 50%, 84%
HSV	28°, 18%, 92%
XYZ	67.1185, 68.4296, 60.1327
YIQ	216.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

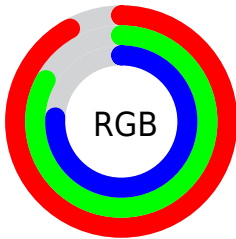
Format	Color
RYB	234, 228, 193
Decimal	15389889
CIELab	86.22, 4.64, 12.15
CIELCh	86, 13.010, 69.088
Yxy	68.4296, 0.3430, 0.3497
Android (android.graphics.Color)	4293579969 (0xFFEAD4C1)
YUV	216.4120, -11.5421, 15.4247
Hunter-Lab	82.7222, 0.0662, 14.8062

Details

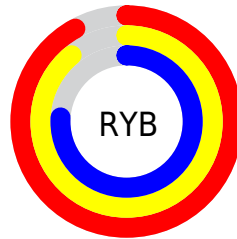
The Yxy color **68.4296, 0.3430, 0.3497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9383, 0.2852, 0.3074**, and the grayscale version is **69.0427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **35.4430, 0.3510, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **61.4170, 0.3638, 0.3622**, and if you desaturate by 10%, it is **76.1048, 0.3248, 0.3376**.

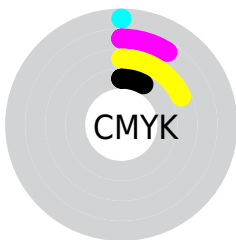
Distribution



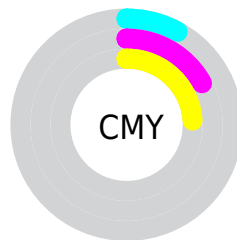
- Red (92%)
- Green (83%)
- Blue (76%)



- Red (92%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (8%)





- Cyan (8%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4296, 0.3430, 0.3497 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 68.4296, 0.3430, 0.3497 by changing the saturation by 10% instead.


 68.4296, 0.3430,
0.3497

 68.4296, 0.3430,
0.3497


455.0166, 0.3288,
0.3401

 50.2473, 0.3463,
0.3519


 116.9665, 0.3380,
0.3464

 35.6099, 0.3504,
0.3546


148.0899, 0.3361,
0.3451

 24.1331, 0.3557,
0.3579


184.2958, 0.3344,
0.3440

 15.4324, 0.3626,
0.3623

225.9686, 0.3330,
0.3430

 9.1234, 0.3722,
0.3683

273.4927, 0.3317,
0.3422

 4.8218, 0.3862,
0.3767

327.2525, 0.3306,

 2.1431, 0.4085,

0.3414

0.3894

387.6323, 0.3296,
0.3407

0.6887, 0.5272,
0.4728

0.0000, 0.0000,
0.0000

68.4296, 0.3430,
0.3497

68.4296, 0.3430,
0.3497

61.4170, 0.3638,
0.3622

76.1048, 0.3248,
0.3376

55.0389, 0.3874,
0.3749

84.4514, 0.3090,
0.3263

49.2785, 0.4137,
0.3869

92.9476, 0.3000,
0.3238

44.1145, 0.4420,
0.3974

96.2438, 0.3000,
0.3290

■ 39.5244, 0.4715,
0.4051

■ 35.4837, 0.5005,
0.4087

■ 31.9650, 0.5270,
0.4072

■ 28.9360, 0.5491,
0.4003

■ 28.2564, 0.5542,
0.3982

Harmonies

Analogous

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



68.4296, 0.3436, 0.3377



68.4296, 0.3430, 0.3497



68.4296, 0.3341, 0.3565

Triad

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



68.4296, 0.3430, 0.3497



68.4296, 0.2902, 0.3337



68.4296, 0.3052, 0.3038

Complementary

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



68.4296, 0.3430, 0.3497



65.9383, 0.2852, 0.3074

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.



68.4296, 0.2913, 0.3022



68.4296, 0.3430, 0.3497



68.4296, 0.2828, 0.3190

Square

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



68.4296, 0.3430, 0.3497



68.4296, 0.3036, 0.3473



68.4296, 0.2832, 0.3076



68.4296, 0.3214, 0.3117

Rectangle

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



68.4296, 0.3430, 0.3497



68.4296, 0.3249, 0.3569



68.4296, 0.2832, 0.3076



68.4296, 0.3001, 0.3025

Sweetspot

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



68.4327, 0.3430, 0.3497



94.9068, 0.3206, 0.3347



60.5890, 0.3287, 0.3046



20.1643, 0.3218, 0.3355



0.0000, 0.0000, 0.0000



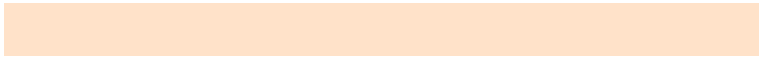
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4327, 0.3430, 0.3497



79.9933, 0.3501, 0.3541



79.0765, 0.3394, 0.3705



16.2008, 0.3281, 0.3399



16.1144, 0.5516, 0.4002



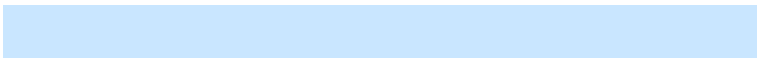
1.4560, 0.5286, 0.4185

Inverse Universe

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



65.9383, 0.2852, 0.3074



76.4395, 0.2795, 0.3025



56.3464, 0.2840, 0.2838



15.8915, 0.2981, 0.3178



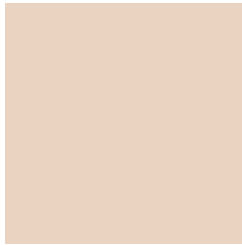
11.9639, 0.1808, 0.1709



1.1317, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 68.4296, 0.3430, 0.3497 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 68.4296, 0.3430, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

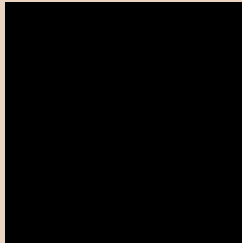
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4296, 0.3430, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 68.4296, 0.3430, 0.3497.



This preview shows how white text looks on a background with the Yxy color 68.4296, 0.3430, 0.3497.

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

68.4296, 0.3430, 0.3497

Protanopia

68.5486, 0.3341, 0.3512

Deuteranopia

68.4193, 0.3516, 0.3439



Tritanopia

68.1846, 0.3241, 0.3111

Trichromacy



Original Color

68.4296, 0.3430, 0.3497

Protanomaly

68.4822, 0.3372, 0.3511

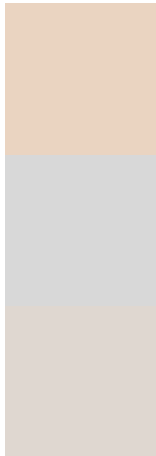
Deuteranomaly

68.1967, 0.3483, 0.3452

Tritanomaly

68.4095, 0.3311, 0.3248

Monochromacy



Original Color

68.4296, 0.3430, 0.3497

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8429, 0.3234, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4296, 0.3430, 0.3497 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, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(234, 212, 193)  
}
```

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, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 212, 193) }
```

Border

The CSS property to change the border of an element to Yxy 68.4296, 0.3430, 0.3497 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, 212, 193) }
```

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

```
.border{ border-color:rgb(234, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(234, 212,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4296, 0.3430, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 212, 193) }
```

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

```
.background{ background-color: rgb(234,  
212, 193) }
```

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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