

Converting Colors

$Yxy(68.2176, 0.3293, 0.3376)$

Have a look what the booklet for
Yxy(68.2176, 0.3293, 0.3376)
contains.

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Color

Yxy(68.4903, 0.3295, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	E4D5CD
RGB	228, 213, 205
RGB Percent	89%, 84%, 80%
CMY	0.1059, 0.1647, 0.1961
CMYK	0.00, 0.07, 0.10, 0.11
HSL	21°, 30%, 85%
HSV	21°, 10%, 89%
XYZ	66.8074, 68.4903, 67.4563
YIQ	216.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

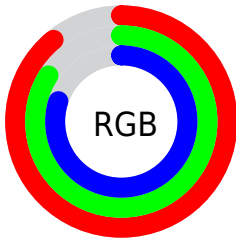
Format	Color
R _Y B	228, 217, 205
Decimal	14996941
CIE Lab	86.25, 3.82, 5.80
CIE LCh	86, 6.946, 56.588
Yxy	68.4903, 0.3295, 0.3378
Android (android.graphics.Color)	4293187021 (0xFFE4D5CD)
YUV	216.5730, -5.7055, 10.0215
Hunter-Lab	82.7589, -0.7331, 9.6043

Details

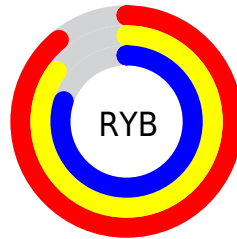
The Yxy color **68.4903, 0.3295, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7618, 0.2971, 0.3200**, and the grayscale version is **69.1159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5723, 0.3340, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **60.3338, 0.3491, 0.3471**, and if you desaturate by 10%, it is **77.4984, 0.3128, 0.3291**.

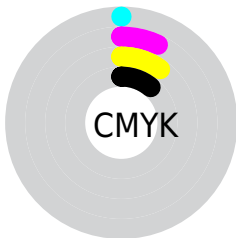
Distribution



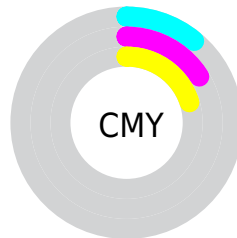
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (89%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (11%)




- Cyan (11%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4903, 0.3295, 0.3378 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 68.4903, 0.3295, 0.3378 by changing the saturation by 10% instead.

 68.4903, 0.3295,
0.3378

 68.4903, 0.3295,
0.3378


455.2312, 0.3216,
0.3337

 50.2967, 0.3313,
0.3387


117.0533, 0.3267,
0.3364

 35.6492, 0.3336,
0.3399

148.1915, 0.3257,
0.3358

 24.1634, 0.3365,
0.3413


184.4133, 0.3248,
0.3354

 15.4549, 0.3404,
0.3432

226.1032, 0.3240,
0.3350

 9.1392, 0.3457,
0.3458

273.6456, 0.3233,
0.3346

 4.8321, 0.3536,
0.3496

327.4247, 0.3227,

 2.1491, 0.3665,

0.3343

387.8252, 0.3221,
0.3340

0.3554

0.6920, 0.4193,
0.3863

0.0000, 0.0000,
0.0000

68.4903, 0.3295,
0.3378

68.4903, 0.3295,
0.3378

60.3338, 0.3491,
0.3471

77.4984, 0.3128,
0.3291

52.9948, 0.3721,
0.3567

87.3732, 0.2987,
0.3210

46.4496, 0.3987,
0.3662

95.2333, 0.2964,
0.3290

40.6702, 0.4289,
0.3751

■ 35.6269, 0.4621,
0.3823

■ 31.2878, 0.4971,
0.3866

■ 27.6180, 0.5313,
0.3867

■ 24.5794, 0.5618,
0.3819

■ 22.1403, 0.5862,
0.3728

Harmonies

Analogous

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



68.4903, 0.3278, 0.3307



68.4903, 0.3295, 0.3378



68.4903, 0.3266, 0.3426

Triad

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



68.4903, 0.3295, 0.3378



68.4903, 0.3034, 0.3347



68.4903, 0.3054, 0.3146

Complementary

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



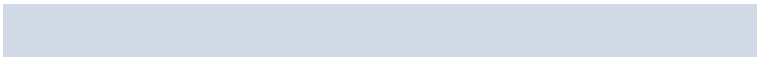
68.4903, 0.3295, 0.3378



69.7618, 0.2971, 0.3200

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.



68.4903, 0.2990, 0.3154



68.4903, 0.3295, 0.3378



68.4903, 0.2978, 0.3270

Square

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



68.4903, 0.3295, 0.3378



68.4903, 0.3114, 0.3410



68.4903, 0.2962, 0.3199



68.4903, 0.3138, 0.3175

Rectangle

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



68.4903, 0.3295, 0.3378



68.4903, 0.3225, 0.3439



68.4903, 0.2962, 0.3199



68.4903, 0.3029, 0.3144

Sweetspot

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



68.4933, 0.3295, 0.3378



96.3766, 0.3175, 0.3316



65.3415, 0.3193, 0.3124



20.4250, 0.3188, 0.3323



0.0000, 0.0000, 0.0000



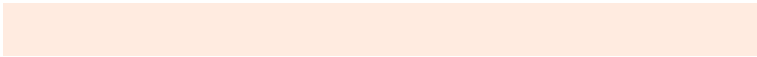
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4933, 0.3295, 0.3378



86.1110, 0.3331, 0.3396



74.3005, 0.3282, 0.3497



15.1845, 0.3284, 0.3372



12.9855, 0.5834, 0.3749



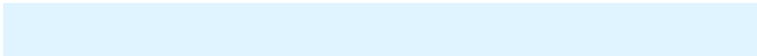
1.1286, 0.5553, 0.3973

Inverse Universe

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



69.7618, 0.2971, 0.3200



88.0412, 0.2940, 0.3182



64.0999, 0.2970, 0.3074



15.4474, 0.2981, 0.3206



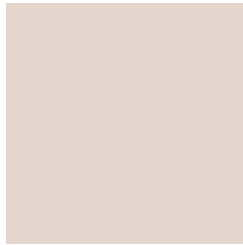
15.8068, 0.1920, 0.2112



1.3403, 0.1973, 0.2303

Previews

White Background



This preview shows how the Yxy color 68.4903, 0.3295, 0.3378 looks on a white background.

Color Contrast Check

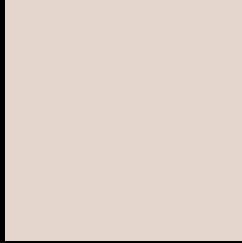
Large Text (above 18pt) WCAG AA × Fail

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 68.4903, 0.3295, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

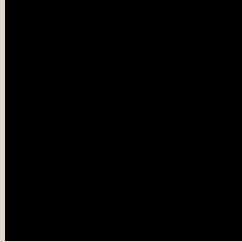
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4903, 0.3295, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 68.4903, 0.3295, 0.3378.

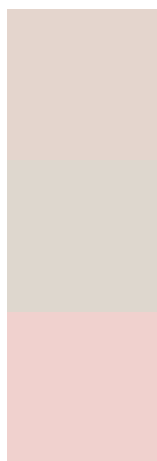


This preview shows how white text looks on a background with the Yxy color 68.4903, 0.3295, 0.3378.

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

68.4903, 0.3295, 0.3378

Protanopia

68.5867, 0.3241, 0.3390

Deuteranopia

68.5824, 0.3385, 0.3323



Tritanopia

68.5731, 0.3172, 0.3120

Trichromacy



Original Color

68.4903, 0.3295, 0.3378

Protanomaly

68.3967, 0.3257, 0.3379

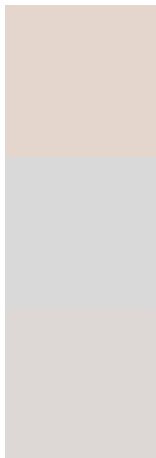
Deuteranomaly

68.3823, 0.3353, 0.3334

Tritanomaly

68.4735, 0.3220, 0.3215

Monochromacy



Original Color

68.4903, 0.3295, 0.3378

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2880, 0.3184, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4903, 0.3295, 0.3378 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(228, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 205)  
}
```

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(228, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.4903, 0.3295, 0.3378 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(228, 213, 205) }
```

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

```
.border{ border-color:rgb(228, 213, 205) }
```

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

Here you see how a box with a 4 pixel rgb(228, 213, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4903, 0.3295, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 205) }
```

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

```
.background{ background-color: rgb(228,  
213, 205) }
```

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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