

Converting Colors

$Yxy(68.5659, 0.3359, 0.3562)$

Have a look what the booklet for
Yxy(68.5659, 0.3359, 0.3562)
contains.

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Color

Yxy(68.7206, 0.3360, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	E0D8BF
RGB	224, 216, 191
RGB Percent	88%, 85%, 75%
CMY	0.1216, 0.1529, 0.2511
CMYK	0.00, 0.04, 0.15, 0.12
HSL	45°, 35%, 81%
HSV	45°, 15%, 88%
XYZ	64.6963, 68.7206, 59.1317
YIQ	215.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

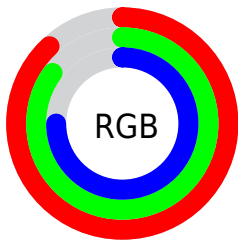
Format	Color
R _Y B	202, 224, 191
Decimal	14735551
CIE Lab	86.37, -1.40, 13.32
CIE LCh	86, 13.392, 96.008
Yxy	68.7206, 0.3360, 0.3569
Android (android.graphics.Color)	4292925631 (0xFFE0D8BF)
YUV	215.5420, -12.0992, 7.4177
Hunter-Lab	82.8979, -5.7638, 15.7365

Details

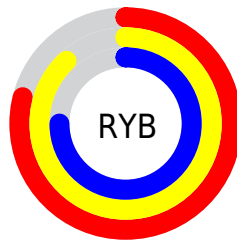
The Yxy color **68.7206, 0.3360, 0.3569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2840, 0.2893, 0.2995**, and the grayscale version is **68.4190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **35.7597, 0.3416, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **65.0821, 0.3533, 0.3766**, and if you desaturate by 10%, it is **72.6075, 0.3199, 0.3378**.

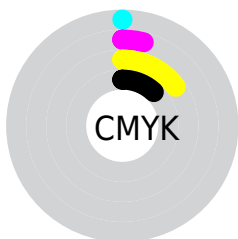
Distribution



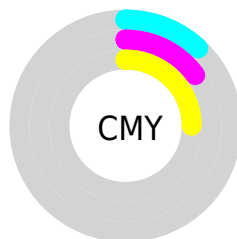
- Red (88%)
- Green (85%)
- Blue (75%)



- Red (79%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (12%)





- Cyan (12%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7206, 0.3360, 0.3569 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 68.7206, 0.3360, 0.3569 by changing the saturation by 10% instead.

 68.7206, 0.3360,
0.3569

 68.7206, 0.3360,
0.3569


456.0449, 0.3251,
0.3438

 50.4842, 0.3385,
0.3599


 117.3824, 0.3322,
0.3523

 35.7983, 0.3416,
0.3637


148.5766, 0.3307,
0.3506

 24.2784, 0.3455,
0.3685


184.8589, 0.3295,
0.3490

 15.5403, 0.3507,
0.3748

226.6136, 0.3284,
0.3477

 9.1995, 0.3578,
0.3835

274.2252, 0.3274,
0.3466

 4.8715, 0.3680,
0.3962

328.0780, 0.3266,

 2.1721, 0.3838,

0.3455

0.4162

388.5564, 0.3258,
0.3446

0.7047, 0.4742,
0.5258

0.0000, 0.0000,
0.0000

68.7206, 0.3360,
0.3569

68.7206, 0.3360,
0.3569

65.0821, 0.3533,
0.3766

72.6075, 0.3199,
0.3378

61.6751, 0.3715,
0.3963

76.7409, 0.3051,
0.3196

58.4945, 0.3902,
0.4153

80.9244, 0.2935,
0.3056

55.5313, 0.4088,
0.4326

84.0251, 0.2936,
0.3113

■ 52.7759, 0.4264,
0.4471

■ 87.2206, 0.2938,
0.3169

■ 50.2173, 0.4423,
0.4579

■ 90.5118, 0.2939,
0.3224

■ 47.8430, 0.4556,
0.4640

■ 93.8994, 0.2940,
0.3279

■ 45.6381, 0.4659,
0.4654

■ 94.5861, 0.2940,
0.3289

■ 44.5334, 0.4704,
0.4647

Harmonies

Analogous

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



68.7206, 0.3443, 0.3492



68.7206, 0.3360, 0.3569



68.7206, 0.3215, 0.3570

Triad

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



68.7206, 0.3360, 0.3569



68.7206, 0.2824, 0.3202



68.7206, 0.3200, 0.3101

Complementary

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



68.7206, 0.3360, 0.3569



57.2840, 0.2893, 0.2995

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.



68.7206, 0.3033, 0.3026



68.7206, 0.3360, 0.3569



68.7206, 0.2820, 0.3080

Square

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



68.7206, 0.3360, 0.3569



68.7206, 0.2907, 0.3354



68.7206, 0.2896, 0.3018



68.7206, 0.3350, 0.3223

Rectangle

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



68.7206, 0.3360, 0.3569



68.7206, 0.3104, 0.3525



68.7206, 0.2896, 0.3018



68.7206, 0.3144, 0.3070

Sweetspot

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



68.7236, 0.3360, 0.3569



97.7969, 0.3188, 0.3364



57.2328, 0.3335, 0.3197



20.8452, 0.3200, 0.3379



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.



68.7236, 0.3360, 0.3569



90.5108, 0.3417, 0.3635



71.6270, 0.3287, 0.3661



15.4386, 0.3273, 0.3467



26.1113, 0.4695, 0.4654



1.9461, 0.4601, 0.4729

Inverse Universe

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



57.2840, 0.2893, 0.2995



72.0803, 0.2836, 0.2919



54.8078, 0.2952, 0.2905



13.7788, 0.2981, 0.3107



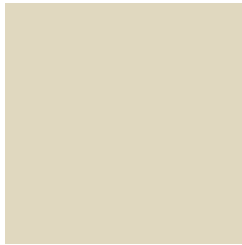
4.8273, 0.1577, 0.0877



0.4732, 0.1658, 0.1170

Previews

White Background



This preview shows how the Yxy color 68.7206, 0.3360, 0.3569 looks on a white background.

Color Contrast Check

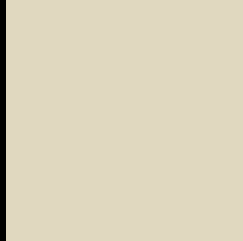
Large Text (above 18pt) WCAG AA × Fail

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 68.7206, 0.3360, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

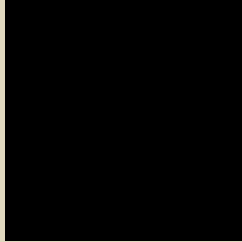
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

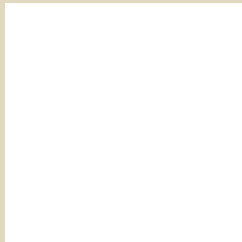
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.7206, 0.3360, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 68.7206, 0.3360, 0.3569.

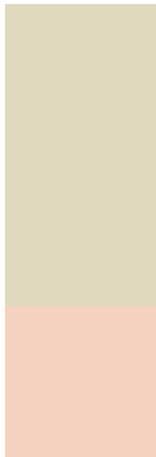


This preview shows how white text looks on a background with the Yxy color 68.7206, 0.3360, 0.3569.

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

68.7206, 0.3360, 0.3569

Protanopia

68.5312, 0.3377, 0.3557

Deuteranopia

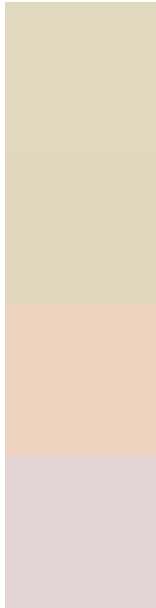
68.5548, 0.3532, 0.3450



Tritanopia

68.7926, 0.3150, 0.3119

Trichromacy



Original Color

68.7206, 0.3360, 0.3569

Protanomaly

68.3700, 0.3369, 0.3557

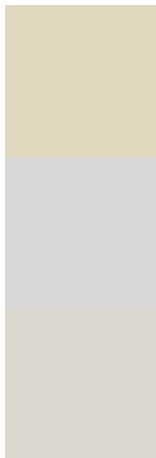
Deuteranomaly

68.5714, 0.3470, 0.3496

Tritanomaly

68.7744, 0.3224, 0.3279

Monochromacy



Original Color

68.7206, 0.3360, 0.3569

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6768, 0.3210, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7206, 0.3360, 0.3569 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(224, 216, 191)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 191)  
}
```

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(224, 216, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 191) }
```

Border

The CSS property to change the border of an element to Yxy 68.7206, 0.3360, 0.3569 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(224, 216, 191) }
```

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

```
.border{ border-color:rgb(224, 216, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 191);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7206, 0.3360, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 191) }
```

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

```
.background{ background-color: rgb(224,  
216, 191) }
```

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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