

Converting Colors

Yxy(68.2899, 0.3425, 0.3666)

Have a look what the booklet for
Yxy(68.2899, 0.3425, 0.3666)
contains.

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Color

Yxy(68.3364, 0.3424, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	E0D8B6
RGB	224, 216, 182
RGB Percent	88%, 85%, 71%
CMY	0.1216, 0.1529, 0.2863
CMYK	0.00, 0.04, 0.19, 0.12
HSL	49°, 40%, 80%
HSV	49°, 19%, 88%
XYZ	63.7384, 68.3364, 54.0772
YIQ	214.5160, 15.6820, -8.8780

Conversions

Conversions Part 2

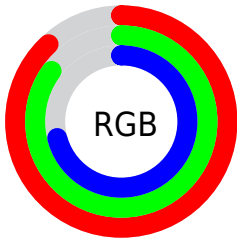
Format	Color
R _Y B	192, 224, 182
Decimal	14735542
CIE Lab	86.17, -2.76, 17.78
CIE LCh	86, 17.990, 98.823
Yxy	68.3364, 0.3424, 0.3671
Android (android.graphics.Color)	4292925622 (0xFFE0D8B6)
YUV	214.5160, -16.0304, 8.3175
Hunter-Lab	82.6658, -7.0350, 19.0806

Details

The Yxy color **68.3364, 0.3424, 0.3671** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.1424, 0.2823, 0.2878**, and the grayscale version is **67.7142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **35.3995, 0.3491, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **65.3306, 0.3596, 0.3881**, and if you desaturate by 10%, it is **71.5531, 0.3261, 0.3464**.

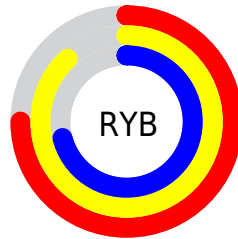
Distribution



Red (88%)

Green (85%)

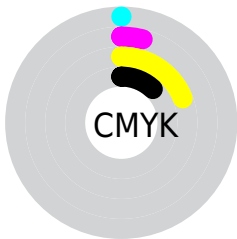
Blue (71%)



Red (75%)

Yellow (88%)

Blue (71%)

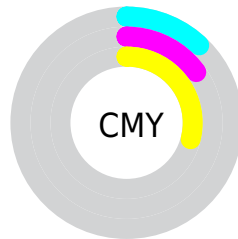


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3364, 0.3424, 0.3671 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 68.3364, 0.3424, 0.3671 by changing the saturation by 10% instead.

 68.3364, 0.3424,
0.3671

 68.3364, 0.3424,
0.3671


454.6870, 0.3286,
0.3492

 50.1715, 0.3456,
0.3713

 116.8333, 0.3376,
0.3608

 35.5497, 0.3495,
0.3764


147.9340, 0.3357,
0.3584

 24.0866, 0.3544,
0.3830


184.1154, 0.3341,
0.3563

 15.3979, 0.3609,
0.3916

225.7619, 0.3327,
0.3545

 9.0991, 0.3696,
0.4035

273.2579, 0.3315,
0.3529

 4.8059, 0.3819,
0.4206

326.9879, 0.3304,

 2.1338, 0.4020,

0.3515

0.4492

387.3361, 0.3295,
0.3503

0.6835, 0.4600,
0.5400

0.0000, 0.0000,
0.0000

68.3364, 0.3424,
0.3671

68.3364, 0.3424,
0.3671

65.3306, 0.3596,
0.3881

71.5531, 0.3261,
0.3464

62.5190, 0.3772,
0.4087

74.9786, 0.3109,
0.3266

59.8968, 0.3947,
0.4280

78.6223, 0.2969,
0.3078

57.4551, 0.4115,
0.4452

81.3760, 0.2935,
0.3065

■ 55.1843, 0.4267,
0.4590

■ 83.8191, 0.2936,
0.3109

■ 53.0734, 0.4396,
0.4688

■ 86.3208, 0.2937,
0.3153

■ 51.1095, 0.4498,
0.4738

■ 88.8816, 0.2938,
0.3197

■ 49.2734, 0.4572,
0.4746

■ 91.5019, 0.2939,
0.3240

■ 49.0510, 0.4580,
0.4745

■ 94.1821, 0.2940,
0.3283

Harmonies

Analogous

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



68.3364, 0.3548, 0.3572



68.3364, 0.3424, 0.3671



68.3364, 0.3223, 0.3665

Triad

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



68.3364, 0.3424, 0.3671



68.3364, 0.2717, 0.3150



68.3364, 0.3245, 0.3051

Complementary

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



68.3364, 0.3424, 0.3671



52.1424, 0.2823, 0.2878

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.



68.3364, 0.3020, 0.2945



68.3364, 0.3424, 0.3671



68.3364, 0.2722, 0.2994

Square

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



68.3364, 0.3424, 0.3671



68.3364, 0.2818, 0.3355



68.3364, 0.2831, 0.2923



68.3364, 0.3443, 0.3217

Rectangle

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



68.3364, 0.3424, 0.3671



68.3364, 0.3074, 0.3598



68.3364, 0.2831, 0.2923



68.3364, 0.3169, 0.3008

Sweetspot

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



68.3394, 0.3424, 0.3671



97.2102, 0.3219, 0.3410



53.0314, 0.3422, 0.3194



20.7433, 0.3229, 0.3423



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.



68.3394, 0.3424, 0.3671



89.8673, 0.3499, 0.3763



70.5961, 0.3315, 0.3770



15.5630, 0.3272, 0.3478



28.7115, 0.4573, 0.4751



2.1057, 0.4504, 0.4806

Inverse Universe

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



52.1424, 0.2823, 0.2878



63.8753, 0.2744, 0.2767



50.3786, 0.2914, 0.2792



13.6632, 0.2981, 0.3094



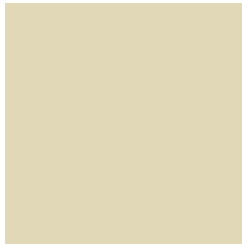
4.2470, 0.1552, 0.0786



0.4172, 0.1627, 0.1056

Previews

White Background



This preview shows how the Yxy color 68.3364, 0.3424, 0.3671 looks on a white background.

Color Contrast Check

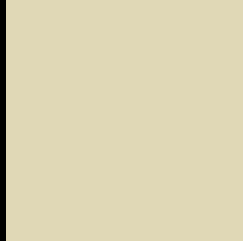
Large Text (above 18pt) WCAG AA × Fail

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 68.3364, 0.3424, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

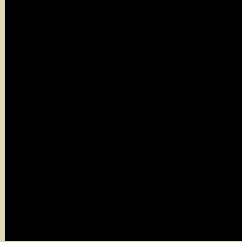
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3364, 0.3424, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 68.3364, 0.3424, 0.3671.

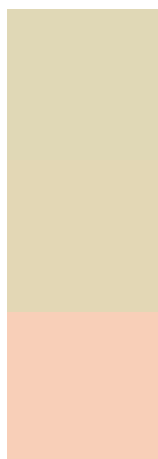


This preview shows how white text looks on a background with the Yxy color 68.3364, 0.3424, 0.3671.

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

68.3364, 0.3424, 0.3671

Protanopia

68.2680, 0.3456, 0.3669

Deuteranopia

68.0428, 0.3619, 0.3534



Tritanopia

68.4072, 0.3165, 0.3119

Trichromacy



Original Color

68.3364, 0.3424, 0.3671

Protanomaly

68.1058, 0.3449, 0.3670

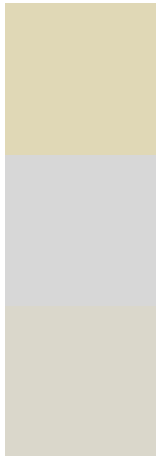
Deuteranomaly

67.8628, 0.3547, 0.3583

Tritanomaly

68.2341, 0.3261, 0.3312

Monochromacy



Original Color

68.3364, 0.3424, 0.3671

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8181, 0.3232, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3364, 0.3424, 0.3671 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 182) }
```

Border

The CSS property to change the border of an element to Yxy 68.3364, 0.3424, 0.3671 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, 182) }
```

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

```
.border{ border-color:rgb(224, 216, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 182);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3364, 0.3424, 0.3671 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, 182) }
```

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

```
.background{ background-color: rgb(224,  
216, 182) }
```

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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