

Converting Colors

$Yxy(72.5826, 0.3354, 0.3576)$

Have a look what the booklet for
Yxy(72.5826, 0.3354, 0.3576)
contains.

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Color

Yxy(72.6767, 0.3353, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	E4DEC3
RGB	228, 222, 195
RGB Percent	89%, 87%, 76%
CMY	0.1058, 0.1294, 0.2353
CMYK	0.00, 0.03, 0.14, 0.11
HSL	49°, 38%, 83%
HSV	49°, 14%, 89%
XYZ	67.9735, 72.6767, 62.0742
YIQ	220.7160, 12.2430, -7.1250

Conversions

Conversions Part 2

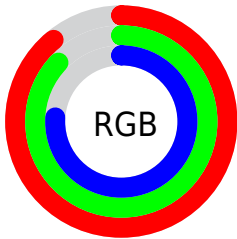
Format	Color
RYB	202, 228, 195
Decimal	14999235
CIELab	88.29, -2.41, 13.98
CIElCh	88, 14.185, 99.768
Yxy	72.6767, 0.3353, 0.3585
Android (android.graphics.Color)	4293189315 (0xFFE4DEC3)
YUV	220.7160, -12.6780, 6.3881
Hunter-Lab	85.2506, -6.8639, 16.5041

Details

The Yxy color **72.6767, 0.3353, 0.3585** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.9947, 0.2897, 0.2977**, and the grayscale version is **72.1854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **38.3312, 0.3404, 0.3661** is the 20% darker color. If you saturate the color by 10%, you get **69.5402, 0.3521, 0.3796**, and if you desaturate by 10%, it is **76.0318, 0.3195, 0.3379**.

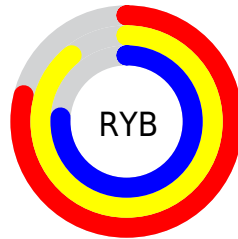
Distribution



Red (89%)

Green (87%)

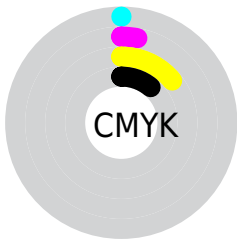
Blue (76%)



Red (79%)

Yellow (89%)

Blue (76%)

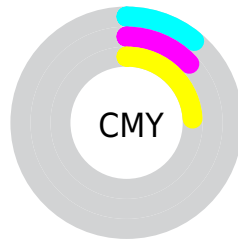


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6767, 0.3353, 0.3585 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 72.6767, 0.3353, 0.3585 by changing the saturation by 10% instead.

■ 72.6767, 0.3353,
0.3585

■ 72.6767, 0.3353,
0.3585

469.8935, 0.3249,
0.3448

■ 53.7116, 0.3377,
0.3617

123.0181, 0.3317,
0.3537

■ 38.3712, 0.3406,
0.3656

155.1633, 0.3303,
0.3519

■ 26.2709, 0.3443,
0.3705

192.4706, 0.3291,
0.3503

■ 17.0264, 0.3491,
0.3770

235.3245, 0.3280,
0.3489

■ 10.2533, 0.3555,
0.3858

284.1094, 0.3271,
0.3477

■ 5.5672, 0.3647,
0.3986

339.2096, 0.3263,

■ 2.5838, 0.3787,

0.3466

0.4185

401.0095, 0.3255,
0.3456

0.9185, 0.4638,
0.5234

0.0000, 0.0000,
0.0000

72.6767, 0.3353,
0.3585

72.6767, 0.3353,
0.3585

69.5402, 0.3521,
0.3796

76.0318, 0.3195,
0.3379

66.6052, 0.3695,
0.4006

79.6030, 0.3048,
0.3183

63.8668, 0.3870,
0.4208

82.8466, 0.2961,
0.3081

61.3163, 0.4040,
0.4392

85.2533, 0.2962,
0.3124

■ 58.9441, 0.4197,
0.4546

■ 87.7162, 0.2962,
0.3167

■ 56.7394, 0.4334,
0.4663

■ 90.2357, 0.2963,
0.3209

■ 54.6897, 0.4445,
0.4735

■ 92.8122, 0.2964,
0.3251

■ 52.7800, 0.4527,
0.4760

■ 95.2391, 0.2964,
0.3290

■ 51.7737, 0.4563,
0.4759

Harmonies

Analogous

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



72.6767, 0.3450, 0.3513



72.6767, 0.3353, 0.3585



72.6767, 0.3197, 0.3576

Triad

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



72.6767, 0.3353, 0.3585



72.6767, 0.2807, 0.3180



72.6767, 0.3224, 0.3108

Complementary

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



72.6767, 0.3353, 0.3585



58.9947, 0.2897, 0.2977

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.



72.6767, 0.3050, 0.3023



72.6767, 0.3353, 0.3585



72.6767, 0.2814, 0.3059

Square

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



72.6767, 0.3353, 0.3585



72.6767, 0.2884, 0.3336



72.6767, 0.2901, 0.3004



72.6767, 0.3375, 0.3239

Rectangle

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



72.6767, 0.3353, 0.3585



72.6767, 0.3081, 0.3522



72.6767, 0.2901, 0.3004



72.6767, 0.3166, 0.3073

Sweetspot

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



72.6799, 0.3353, 0.3585



98.1772, 0.3188, 0.3370



59.7490, 0.3348, 0.3223



20.9417, 0.3199, 0.3385



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.



72.6799, 0.3353, 0.3585



92.5665, 0.3396, 0.3640



74.2834, 0.3268, 0.3657



16.3458, 0.3272, 0.3481



30.0480, 0.4556, 0.4764



2.3373, 0.4494, 0.4814

Inverse Universe

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



58.9947, 0.2897, 0.2977



72.1259, 0.2852, 0.2914



57.6781, 0.2972, 0.2914



14.3109, 0.2980, 0.3092



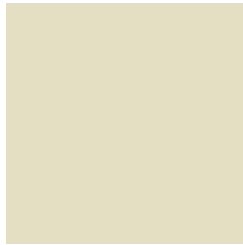
4.3007, 0.1548, 0.0772



0.4413, 0.1617, 0.1021

Previews

White Background



This preview shows how the Yxy color 72.6767, 0.3353, 0.3585 looks on a white background.

Color Contrast Check

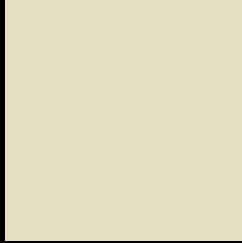
Large Text (above 18pt) WCAG AA × Fail

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 72.6767, 0.3353, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

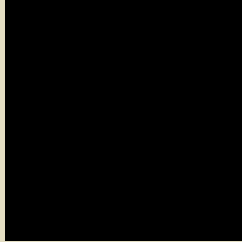
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

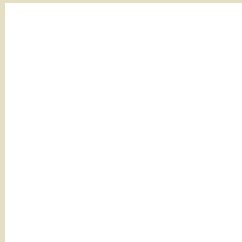
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6767, 0.3353, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 72.6767, 0.3353, 0.3585.

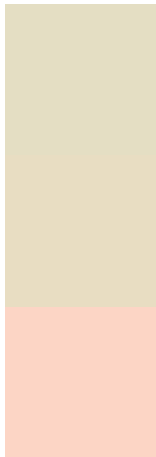


This preview shows how white text looks on a background with the Yxy color 72.6767, 0.3353, 0.3585.

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

72.6767, 0.3353, 0.3585

Protanopia

72.7637, 0.3391, 0.3583

Deuteranopia

72.3152, 0.3538, 0.3457



Tritanopia

72.3186, 0.3136, 0.3112

Trichromacy



Original Color

72.6767, 0.3353, 0.3585

Protanomaly

72.5969, 0.3384, 0.3584

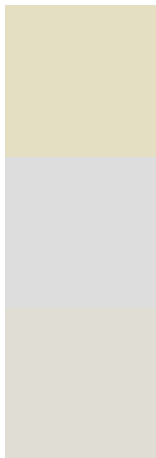
Deuteranomaly

72.1519, 0.3470, 0.3502

Tritanomaly

72.2462, 0.3215, 0.3280

Monochromacy



Original Color

72.6767, 0.3353, 0.3585

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3137, 0.3209, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6767, 0.3353, 0.3585 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, 222, 195)` looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 195)  
}
```

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, 222, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 195) }
```

Border

The CSS property to change the border of an element to Yxy 72.6767, 0.3353, 0.3585 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, 222, 195) }
```

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

```
.border{ border-color:rgb(228, 222, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 195);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6767, 0.3353, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 195) }
```

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

```
.background{ background-color: rgb(228,  
222, 195) }
```

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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