

Converting Colors

$Yxy(72.3350, 0.3373, 0.3630)$

Have a look what the booklet for
Yxy(72.3350, 0.3373, 0.3630)
contains.

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Color

Yxy(72.3350, 0.3373, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	E3DEBF
RGB	227, 222, 191
RGB Percent	89%, 87%, 75%
CMY	0.1097, 0.1294, 0.2509
CMYK	0.00, 0.02, 0.16, 0.11
HSL	52°, 39%, 82%
HSV	52°, 16%, 89%
XYZ	67.2138, 72.3350, 59.7212
YIQ	219.9610, 12.9310, -8.5810

Conversions

Conversions Part 2

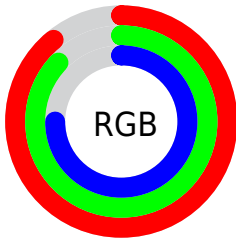
Format	Color
R_{YB}	197, 227, 191
Decimal	14933695
CIE _{Lab}	88.13, -3.37, 15.82
CIE _{LCh}	88, 16.175, 102.037
Yxy	72.3350, 0.3373, 0.3630
Android (android.graphics.Color)	4293123775 (0xFFE3DEBF)
YUV	219.9610, -14.2778, 6.1732
Hunter-Lab	85.0500, -7.7715, 17.9022

Details

The Yxy color **72.3350, 0.3373, 0.3630** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.1361, 0.2872, 0.2926**, and the grayscale version is **71.6421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **38.1303, 0.3422, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **69.7419, 0.3538, 0.3851**, and if you desaturate by 10%, it is **75.1213, 0.3215, 0.3413**.

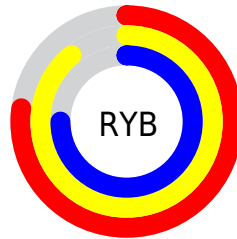
Distribution



Red (89%)

Green (87%)

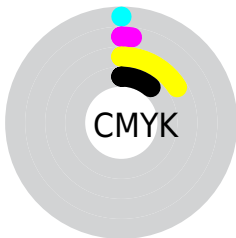
Blue (75%)



Red (77%)

Yellow (89%)

Blue (75%)

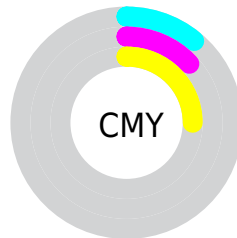


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (11%)



Cyan (11%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3350, 0.3373, 0.3630 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 72.3350, 0.3373, 0.3630 by changing the saturation by 10% instead.


 72.3350, 0.3373,
0.3630

 72.3350, 0.3373,
0.3630


468.7068, 0.3260,
0.3471

 53.4324, 0.3399,
0.3666


 122.5327, 0.3334,
0.3575

 38.1480, 0.3430,
0.3712


154.5966, 0.3319,
0.3553

 26.0976, 0.3470,
0.3769


191.8163, 0.3305,
0.3535

 16.8967, 0.3522,
0.3844

234.5763, 0.3294,
0.3519

 10.1609, 0.3591,
0.3947

283.2609, 0.3284,
0.3505

 5.5057, 0.3689,
0.4095

338.2546, 0.3275,

 2.5469, 0.3834,

0.3492

0.4325

399.9418, 0.3267,
0.3481

0.9001, 0.4620,
0.5380

0.0000, 0.0000,
0.0000

72.3350, 0.3373,
0.3630

72.3350, 0.3373,
0.3630

69.7419, 0.3538,
0.3851

75.1213, 0.3215,
0.3413

67.3251, 0.3706,
0.4070

78.0980, 0.3067,
0.3205

65.0800, 0.3872,
0.4277

81.0057, 0.2954,
0.3050

62.9980, 0.4029,
0.4464

82.8069, 0.2955,
0.3083

61.0697, 0.4171,
0.4619

84.6406, 0.2955,
0.3116

59.2845, 0.4290,
0.4735

86.5069, 0.2956,
0.3149

57.6300, 0.4382,
0.4806

88.4061, 0.2956,
0.3181

56.0910, 0.4446,
0.4832

90.3384, 0.2957,
0.3213

55.4774, 0.4467,
0.4835

92.3038, 0.2957,
0.3245

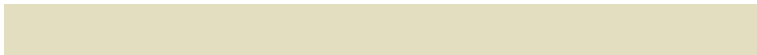
Harmonies

Analogous

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



72.3350, 0.3491, 0.3553



72.3350, 0.3373, 0.3630



72.3350, 0.3191, 0.3613

Triad

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



72.3350, 0.3373, 0.3630



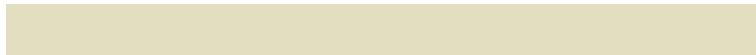
72.3350, 0.2760, 0.3150



72.3350, 0.3252, 0.3092

Complementary

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



72.3350, 0.3373, 0.3630



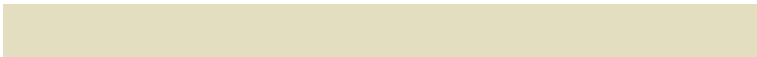
56.1361, 0.2872, 0.2926

Split Complementary

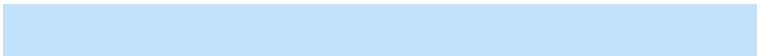
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3350, 0.3054, 0.2991



72.3350, 0.3373, 0.3630



72.3350, 0.2775, 0.3019

Square

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



72.3350, 0.3373, 0.3630



72.3350, 0.2840, 0.3328



72.3350, 0.2880, 0.2963



72.3350, 0.3420, 0.3243

Rectangle

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



72.3350, 0.3373, 0.3630



72.3350, 0.3060, 0.3547



72.3350, 0.2880, 0.2963



72.3350, 0.3186, 0.3052

Sweetspot

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



72.3382, 0.3373, 0.3630



98.0721, 0.3203, 0.3396



57.6126, 0.3383, 0.3230



20.9346, 0.3213, 0.3411



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.



72.3382, 0.3373, 0.3630



93.0107, 0.3426, 0.3702



73.0814, 0.3273, 0.3694



16.4550, 0.3271, 0.3490



32.4729, 0.4463, 0.4839



2.4947, 0.4417, 0.4875

Inverse Universe

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



56.1361, 0.2872, 0.2926



68.1773, 0.2815, 0.2842



55.6038, 0.2964, 0.2876



14.2110, 0.2980, 0.3081



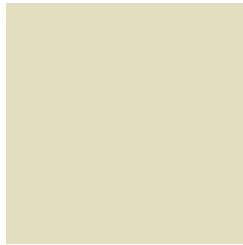
3.9295, 0.1532, 0.0714



0.3940, 0.1592, 0.0929

Previews

White Background



This preview shows how the Yxy color 72.3350, 0.3373, 0.3630 looks on a white background.

Color Contrast Check

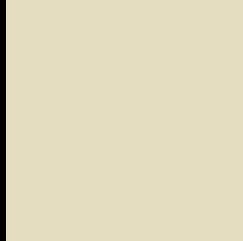
Large Text (above 18pt) WCAG AA × Fail

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 72.3350, 0.3373, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

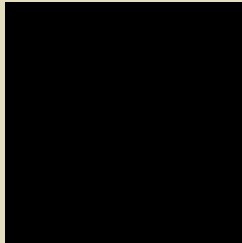
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

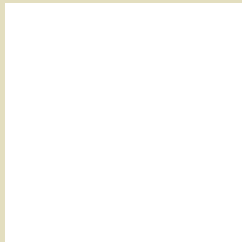
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3350, 0.3373, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 72.3350, 0.3373, 0.3630.



This preview shows how white text looks on a background with the Yxy color 72.3350, 0.3373, 0.3630.

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

72.3350, 0.3373, 0.3630

Protanopia

72.0599, 0.3421, 0.3616

Deuteranopia

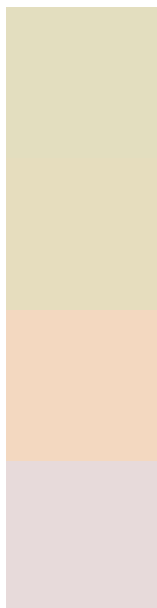
72.1342, 0.3568, 0.3498



Tritanopia

72.3186, 0.3136, 0.3112

Trichromacy



Original Color

72.3350, 0.3373, 0.3630

Protanomaly

72.2536, 0.3404, 0.3629

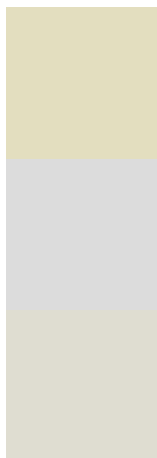
Deuteranomaly

71.9722, 0.3499, 0.3545

Tritanomaly

72.1937, 0.3221, 0.3290

Monochromacy



Original Color

72.3350, 0.3373, 0.3630

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0043, 0.3222, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3350, 0.3373, 0.3630 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(227, 222, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 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(227, 222, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 191) }
```

Border

The CSS property to change the border of an element to Yxy 72.3350, 0.3373, 0.3630 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(227, 222, 191) }
```

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

```
.border{ border-color:rgb(227, 222, 191) }
```

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

Here you see how a box with a 4 pixel rgb(227, 222, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
191) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3350, 0.3373, 0.3630$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 191) }
```

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

```
.background{ background-color: rgb(227,  
222, 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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