

Converting Colors

$Y_{xy}(72.1191, 0.3425, 0.3755)$

Have a look what the booklet for
Yxy(72.1191, 0.3425, 0.3755)
contains.

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Color

Yxy(72.1191, 0.3425, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFB5
RGB	225, 223, 181
RGB Percent	88%, 87%, 71%
CMY	0.1176, 0.1255, 0.2902
CMYK	0.00, 0.01, 0.20, 0.12
HSL	57°, 42%, 80%
HSV	57°, 20%, 88%
XYZ	65.7811, 72.1191, 54.1613
YIQ	218.8100, 14.6740, -12.6380

Conversions

Conversions Part 2

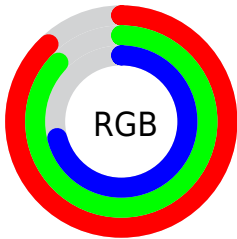
Format	Color
RYB	183, 225, 181
Decimal	14802869
CIELab	88.03, -6.11, 20.89
CIELCh	88, 21.764, 106.315
Yxy	72.1191, 0.3425, 0.3755
Android (android.graphics.Color)	4292992949 (0xFFE1DFB5)
YUV	218.8100, -18.6403, 5.4286
Hunter-Lab	84.9230, -10.3496, 21.6327

Details

The Yxy color **72.1191, 0.3425, 0.3755** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1246, 0.2804, 0.2778**, and the grayscale version is **70.8261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **37.9988, 0.3489, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **70.7249, 0.3581, 0.3996**, and if you desaturate by 10%, it is **73.6723, 0.3270, 0.3514**.

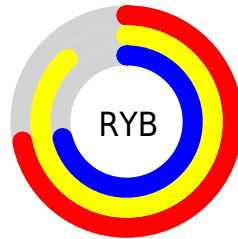
Distribution



Red (88%)

Green (87%)

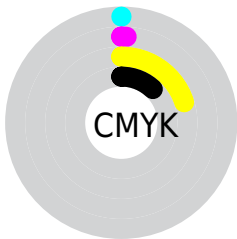
Blue (71%)



Red (72%)

Yellow (88%)

Blue (71%)

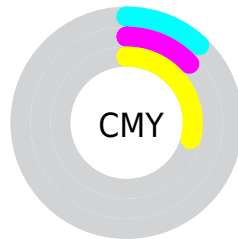


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1191, 0.3425, 0.3755 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 72.1191, 0.3425, 0.3755 by changing the saturation by 10% instead.

 72.1191, 0.3425,
0.3755

 72.1191, 0.3425,
0.3755


467.9560, 0.3289,
0.3537

 53.2560, 0.3456,
0.3805


 122.2258, 0.3378,
0.3679

 38.0072, 0.3493,
0.3867

154.2383, 0.3360,
0.3650

 25.9882, 0.3540,
0.3947


191.4025, 0.3344,
0.3624

 16.8148, 0.3599,
0.4050

234.1031, 0.3330,
0.3602

 10.1026, 0.3678,
0.4191

282.7243, 0.3318,
0.3583

 5.4670, 0.3785,
0.4393

337.6507, 0.3307,

 2.5238, 0.3948,

0.3566

0.4720

399.2664, 0.3297,
0.3551

0.8885, 0.4390,
0.5610

0.0000, 0.0000,
0.0000

72.1191, 0.3425,
0.3755

72.1191, 0.3425,
0.3755

70.7249, 0.3581,
0.3996

73.6723, 0.3270,
0.3514

69.4728, 0.3734,
0.4229

75.3814, 0.3121,
0.3280

68.3583, 0.3877,
0.4444

77.2560, 0.2980,
0.3057

67.3729, 0.4005,
0.4632

78.2287, 0.2941,
0.3003

66.5072, 0.4111,
0.4784

78.7926, 0.2941,
0.3014

65.7505, 0.4191,
0.4893

79.3598, 0.2941,
0.3025

65.0898, 0.4245,
0.4958

79.9304, 0.2941,
0.3035

64.5042, 0.4275,
0.4986

80.5044, 0.2941,
0.3046

64.4793, 0.4276,
0.4987

81.0817, 0.2942,
0.3057

Harmonies

Analogous

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



72.1191, 0.3602, 0.3662



72.1191, 0.3425, 0.3755



72.1191, 0.3173, 0.3716

Triad

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



72.1191, 0.3425, 0.3755



72.1191, 0.2633, 0.3068



72.1191, 0.3331, 0.3052

Complementary

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



72.1191, 0.3425, 0.3755



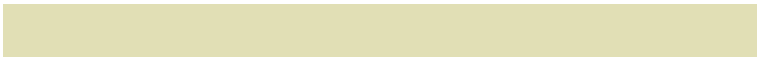
49.1246, 0.2804, 0.2778

Split Complementary

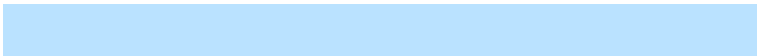
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1191, 0.3064, 0.2907



72.1191, 0.3425, 0.3755



72.1191, 0.2669, 0.2908

Square

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



72.1191, 0.3425, 0.3755



72.1191, 0.2721, 0.3303



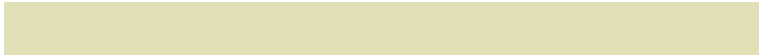
72.1191, 0.2824, 0.2853



72.1191, 0.3548, 0.3256

Rectangle

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



72.1191, 0.3425, 0.3755



72.1191, 0.2998, 0.3615



72.1191, 0.2824, 0.2853



72.1191, 0.3243, 0.2995

Sweetspot

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



72.1223, 0.3425, 0.3755



98.6087, 0.3217, 0.3431



52.4788, 0.3494, 0.3266



21.0749, 0.3227, 0.3446



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.



72.1223, 0.3425, 0.3755



95.0853, 0.3481, 0.3842



70.2007, 0.3274, 0.3799



15.9167, 0.3268, 0.3511



37.1997, 0.4275, 0.4988



2.6121, 0.4261, 0.4999

Inverse Universe

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



49.1246, 0.2804, 0.2778



59.8620, 0.2737, 0.2671



50.8690, 0.2955, 0.2776



13.3431, 0.2981, 0.3059



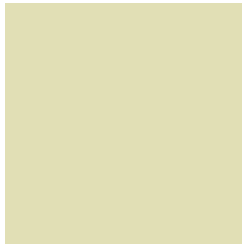
3.3069, 0.1508, 0.0630



0.2651, 0.1533, 0.0717

Previews

White Background



This preview shows how the Yxy color 72.1191, 0.3425, 0.3755 looks on a white background.

Color Contrast Check

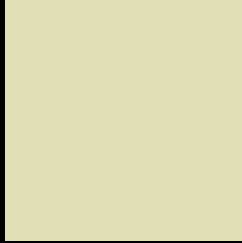
Large Text (above 18pt) WCAG AA × Fail

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 72.1191, 0.3425, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

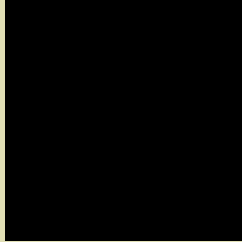
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

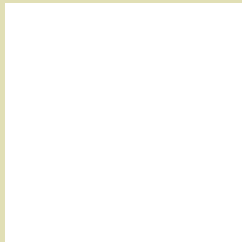
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1191, 0.3425, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 72.1191, 0.3425, 0.3755.



This preview shows how white text looks on a background with the Yxy color 72.1191, 0.3425, 0.3755.

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

72.1191, 0.3425, 0.3755

Protanopia

71.9741, 0.3507, 0.3725

Deuteranopia

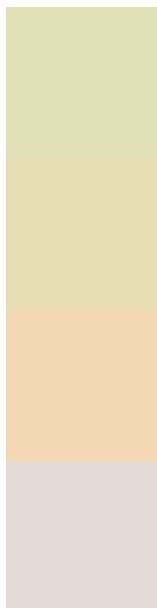
71.7659, 0.3669, 0.3590



Tritanopia

72.1507, 0.3128, 0.3111

Trichromacy



Original Color

72.1191, 0.3425, 0.3755

Protanomaly

71.9971, 0.3481, 0.3738

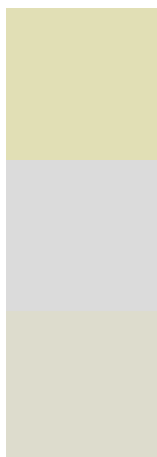
Deuteranomaly

71.7222, 0.3579, 0.3651

Tritanomaly

72.1761, 0.3233, 0.3344

Monochromacy



Original Color

72.1191, 0.3425, 0.3755

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9663, 0.3235, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1191, 0.3425, 0.3755 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(225, 223, 181)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 181)  
}
```

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(225, 223, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 181) }
```

Border

The CSS property to change the border of an element to Yxy 72.1191, 0.3425, 0.3755 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(225, 223, 181) }
```

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

```
.border{ border-color:rgb(225, 223, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 181);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1191, 0.3425, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 181) }
```

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

```
.background{ background-color: rgb(225,  
223, 181) }
```

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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