

Converting Colors

$Yxy(72.2160, 0.3468, 0.3762)$

Have a look what the booklet for
Yxy(72.2160, 0.3468, 0.3762)
contains.

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Color

Yxy(72.1552, 0.3471, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	E5DEB3
RGB	229, 222, 179
RGB Percent	90%, 87%, 70%
CMY	0.1019, 0.1294, 0.2980
CMYK	0.00, 0.03, 0.22, 0.10
HSL	52°, 49%, 80%
HSV	52°, 22%, 90%
XYZ	66.5738, 72.1552, 53.0711
YIQ	219.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

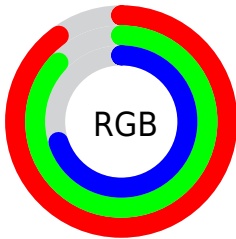
Format	Color
RYB	187, 229, 179
Decimal	15064755
CIELab	88.04, -4.42, 21.99
CIELCh	88, 22.428, 101.364
Yxy	72.1552, 0.3471, 0.3762
Android (android.graphics.Color)	4293254835 (0xFFE5DEB3)
YUV	219.1910, -19.8142, 8.6025
Hunter-Lab	84.9442, -8.7556, 22.4180

Details

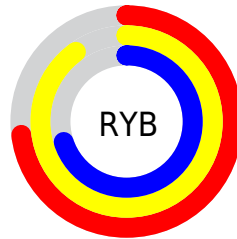
The Yxy color **72.1552, 0.3471, 0.3762** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.3679, 0.2766, 0.2769**, and the grayscale version is **71.1117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **38.0280, 0.3550, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **69.6186, 0.3638, 0.3983**, and if you desaturate by 10%, it is **74.8846, 0.3308, 0.3542**.

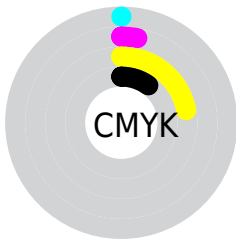
Distribution



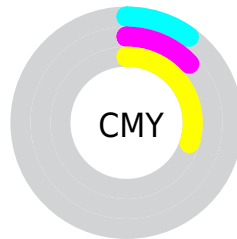
- Red (90%)
- Green (87%)
- Blue (70%)



- Red (73%)
- Yellow (90%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (10%)





- Cyan (10%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1552, 0.3471, 0.3762 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 72.1552, 0.3471, 0.3762 by changing the saturation by 10% instead.


 72.1552, 0.3471,
0.3762

 72.1552, 0.3471,
0.3762

468.0816, 0.3313,
0.3542

 53.2855, 0.3506,
0.3813


 122.2772, 0.3417,
0.3685

 38.0307, 0.3550,
0.3875


154.2982, 0.3395,
0.3656

 26.0065, 0.3604,
0.3954


191.4717, 0.3377,
0.3630

 16.8285, 0.3674,
0.4057

234.1822, 0.3361,
0.3608

 10.1123, 0.3766,
0.4196

282.8141, 0.3347,
0.3588

 5.4735, 0.3891,
0.4394

337.7517, 0.3334,

 2.5277, 0.4091,

0.3571

0.4718

399.3794, 0.3323,
0.3556

0.8904, 0.4533,
0.5467

0.0000, 0.0000,
0.0000

72.1552, 0.3471,
0.3762

72.1552, 0.3471,
0.3762

69.6186, 0.3638,
0.3983

74.8846, 0.3308,
0.3542

67.2574, 0.3806,
0.4196

77.8043, 0.3154,
0.3328

65.0663, 0.3968,
0.4392

80.9245, 0.3011,
0.3125

63.0362, 0.4117,
0.4561

83.2045, 0.2968,
0.3085

■ 61.1566, 0.4246,
0.4694

■ 85.0573, 0.2968,
0.3118

■ 59.4159, 0.4349,
0.4783

■ 86.9433, 0.2968,
0.3151

■ 57.7998, 0.4424,
0.4827

■ 88.8629, 0.2969,
0.3184

■ 56.5536, 0.4468,
0.4835

■ 90.8161, 0.2969,
0.3216

■ 92.8031, 0.2969,
0.3248

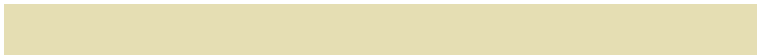
Harmonies

Analogous

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



72.1552, 0.3634, 0.3646



72.1552, 0.3471, 0.3762



72.1552, 0.3219, 0.3746

Triad

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



72.1552, 0.3471, 0.3762



72.1552, 0.2624, 0.3097



72.1552, 0.3293, 0.3015

Complementary

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



72.1552, 0.3471, 0.3762



50.3679, 0.2766, 0.2769

Split Complementary

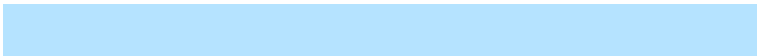
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1552, 0.3017, 0.2879



72.1552, 0.3471, 0.3762



72.1552, 0.2641, 0.2916

Square

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



72.1552, 0.3471, 0.3762



72.1552, 0.2735, 0.3346



72.1552, 0.2781, 0.2842



72.1552, 0.3531, 0.3218

Rectangle

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



72.1552, 0.3471, 0.3762



72.1552, 0.3037, 0.3656



72.1552, 0.2781, 0.2842



72.1552, 0.3201, 0.2961

Sweetspot

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



72.1584, 0.3471, 0.3762



97.3175, 0.3233, 0.3438



52.4710, 0.3504, 0.3206



20.7817, 0.3243, 0.3451



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.



72.1584, 0.3471, 0.3762



90.6555, 0.3543, 0.3858



73.2231, 0.3327, 0.3857



16.4547, 0.3271, 0.3490



32.4657, 0.4463, 0.4838



2.4942, 0.4418, 0.4874

Inverse Universe

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



50.3679, 0.2766, 0.2769



58.3847, 0.2685, 0.2650



49.7065, 0.2893, 0.2704



14.2113, 0.2980, 0.3081



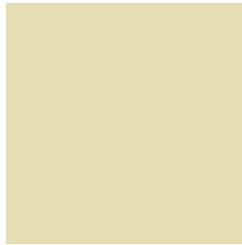
3.9304, 0.1532, 0.0714



0.3942, 0.1592, 0.0929

Previews

White Background



This preview shows how the Yxy color 72.1552, 0.3471, 0.3762 looks on a white background.

Color Contrast Check

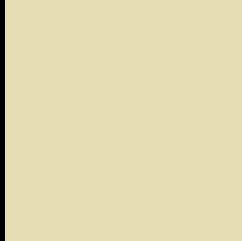
Large Text (above 18pt) WCAG AA × Fail

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 72.1552, 0.3471, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

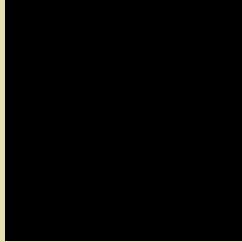
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

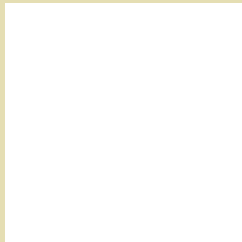
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1552, 0.3471, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 72.1552, 0.3471, 0.3762.



This preview shows how white text looks on a background with the Yxy color 72.1552, 0.3471, 0.3762.

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

72.1552, 0.3471, 0.3762

Protanopia

71.8932, 0.3521, 0.3747

Deuteranopia

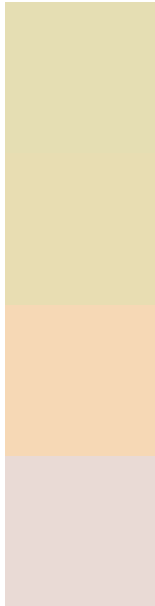
71.7244, 0.3676, 0.3601



Tritanopia

72.2599, 0.3164, 0.3113

Trichromacy



Original Color

72.1552, 0.3471, 0.3762

Protanomaly

72.0831, 0.3503, 0.3759

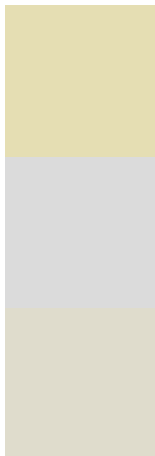
Deuteranomaly

72.0408, 0.3602, 0.3660

Tritanomaly

72.2705, 0.3271, 0.3344

Monochromacy



Original Color

72.1552, 0.3471, 0.3762

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2340, 0.3257, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1552, 0.3471, 0.3762 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(229, 222, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 179)  
}
```

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(229, 222, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 179) }
```

Border

The CSS property to change the border of an element to Yxy 72.1552, 0.3471, 0.3762 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(229, 222, 179) }
```

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

```
.border{ border-color:rgb(229, 222, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 222, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 179);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1552, 0.3471, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 222, 179) }
```

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

```
.background{ background-color: rgb(229,  
222, 179) }
```

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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