

Converting Colors

$Yxy(72.7677, 0.3660, 0.4121)$

Have a look what the booklet for
Yxy(72.7677, 0.3660, 0.4121)
contains.

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Color

Yxy(72.6784, 0.3666, 0.4120)

Conversions

Conversions Part 1

Format	Color
Hex	E5E195
RGB	229, 225, 149
RGB Percent	90%, 88%, 58%
CMY	0.1019, 0.1177, 0.4157
CMYK	0.00, 0.02, 0.35, 0.10
HSL	57°, 61%, 74%
HSV	57°, 35%, 90%
XYZ	64.6697, 72.6784, 39.0558
YIQ	217.5320, 26.7800, -22.7880

Conversions

Conversions Part 2

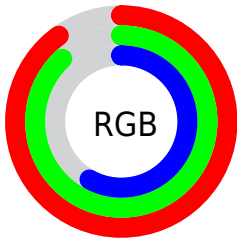
Format	Color
R_{YB}	153, 229, 149
Decimal	15065493
CIE _{Lab}	88.29, -9.78, 37.71
CIE _{LCh}	88, 38.960, 104.531
Y _{xy}	72.6784, 0.3666, 0.4120
Android (android.graphics.Color)	4293255573 (0xFFE5E195)
YUV	217.5320, -33.7863, 10.0574
Hunter-Lab	85.2516, -13.7849, 32.5140

Details

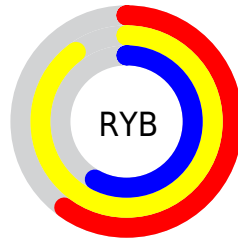
The Yxy color **72.6784, 0.3666, 0.4120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8431, 0.2502, 0.2298**, and the grayscale version is **69.9995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **38.3832, 0.3774, 0.4319** is the 20% darker color. If you saturate the color by 10%, you get **71.3993, 0.3815, 0.4344**, and if you desaturate by 10%, it is **74.1122, 0.3510, 0.3883**.

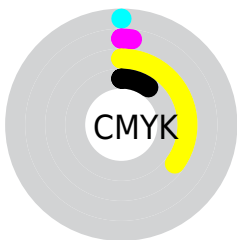
Distribution



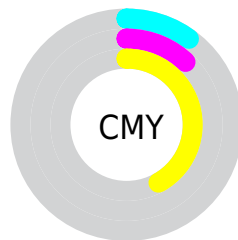
- Red (90%)
- Green (88%)
- Blue (58%)



- Red (60%)
- Yellow (90%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (10%)




- Cyan (10%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6784, 0.3666, 0.4120 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 72.6784, 0.3666, 0.4120 by changing the saturation by 10% instead.


 72.6784, 0.3666,
0.4120


 72.6784, 0.3666,
0.4120


469.8994, 0.3426,
0.3733

 53.7130, 0.3717,
0.4207


 123.0205, 0.3585,
0.3986

 38.3723, 0.3778,
0.4314


 155.1661, 0.3553,
0.3934

 26.2718, 0.3852,
0.4447


192.4739, 0.3525,
0.3889

 17.0271, 0.3940,
0.4617

235.3282, 0.3500,
0.3850

 10.2538, 0.4044,
0.4835

284.1136, 0.3478,
0.3815

 5.5675, 0.4161,
0.5126

339.2143, 0.3459,

 2.5840, 0.4363,

0.3785

0.5637

401.0148, 0.3441,
0.3758

0.9186, 0.4084,
0.5916

0.0000, 0.0000,
0.0000

72.6784, 0.3666,
0.4120

72.6784, 0.3666,
0.4120

71.3993, 0.3815,
0.4344

74.1122, 0.3510,
0.3883

70.2564, 0.3952,
0.4545

75.6985, 0.3353,
0.3642

69.2438, 0.4070,
0.4714

77.4478, 0.3200,
0.3404

68.3508, 0.4164,
0.4843

79.3671, 0.3054,
0.3176

67.5653, 0.4231,
0.4928

80.9014, 0.2967,
0.3043

66.8721, 0.4271,
0.4970

81.5481, 0.2967,
0.3055

66.5442, 0.4285,
0.4980

82.1991, 0.2967,
0.3067

82.8543, 0.2968,
0.3079

83.5138, 0.2968,
0.3091

Harmonies

Analogous

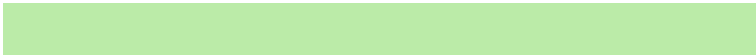
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6784, 0.3981, 0.3911



72.6784, 0.3666, 0.4120



72.6784, 0.3220, 0.4089

Triad

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



72.6784, 0.3666, 0.4120



72.6784, 0.2276, 0.2899



72.6784, 0.3457, 0.2859

Complementary

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



72.6784, 0.3666, 0.4120



34.8431, 0.2502, 0.2298

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.



72.6784, 0.2978, 0.2625



72.6784, 0.3666, 0.4120



72.6784, 0.2326, 0.2625

Square

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



72.6784, 0.3666, 0.4120



72.6784, 0.2430, 0.3326



72.6784, 0.2572, 0.2537



72.6784, 0.3866, 0.3194

Rectangle

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



72.6784, 0.3666, 0.4120



72.6784, 0.2912, 0.3912



72.6784, 0.2572, 0.2537



72.6784, 0.3297, 0.2767

Sweetspot

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



72.6817, 0.3666, 0.4120



97.6488, 0.3278, 0.3525



40.5041, 0.3902, 0.3230



20.8339, 0.3300, 0.3559



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.



72.6817, 0.3666, 0.4120



91.5229, 0.3776, 0.4286



69.7392, 0.3392, 0.4240



16.6863, 0.3269, 0.3511



38.0917, 0.4284, 0.4981



2.8533, 0.4269, 0.4992

Inverse Universe

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



34.8431, 0.2502, 0.2298



36.3847, 0.2348, 0.2050



37.3070, 0.2771, 0.2319



14.0029, 0.2980, 0.3059



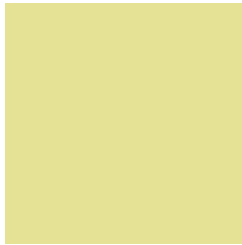
3.4296, 0.1509, 0.0632



0.2948, 0.1534, 0.0723

Previews

White Background



This preview shows how the Yxy color 72.6784, 0.3666, 0.4120 looks on a white background.

Color Contrast Check

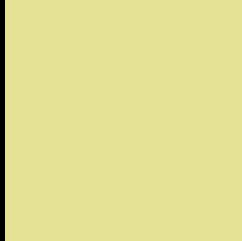
Large Text (above 18pt) WCAG AA × Fail

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 72.6784, 0.3666, 0.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

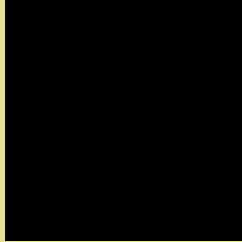
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6784, 0.3666, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 72.6784, 0.3666, 0.4120.



This preview shows how white text looks on a background with the Yxy color 72.6784, 0.3666, 0.4120.

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

72.6784, 0.3666, 0.4120

Protanopia

72.3763, 0.3773, 0.4067

Deuteranopia

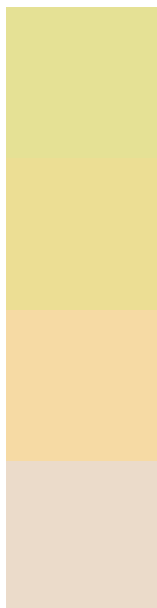
72.3317, 0.3745, 0.3724



Tritanopia

72.7778, 0.3186, 0.3114

Trichromacy



Original Color

72.6784, 0.3666, 0.4120

Protanomaly

72.2135, 0.3737, 0.4086

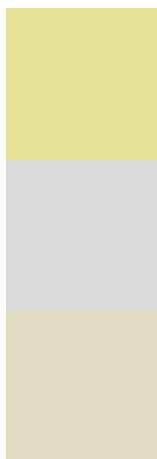
Deuteranomaly

72.4160, 0.3719, 0.3860

Tritanomaly

72.5895, 0.3361, 0.3473

Monochromacy



Original Color

72.6784, 0.3666, 0.4120

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0928, 0.3323, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6784, 0.3666, 0.4120 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, 225, 149)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 149)  
}
```

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, 225, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 149) }
```

Border

The CSS property to change the border of an element to Yxy 72.6784, 0.3666, 0.4120 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, 225, 149) }
```

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

```
.border{ border-color:rgb(229, 225, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 149);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6784, 0.3666, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 149) }
```

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

```
.background{ background-color: rgb(229,  
225, 149) }
```

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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