

Converting Colors

$Yxy(72.8750, 0.3684, 0.4049)$

Have a look what the booklet for
Yxy(72.8750, 0.3684, 0.4049)
contains.

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Color

Yxy(72.5677, 0.3685, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	EADF99
RGB	234, 223, 153
RGB Percent	92%, 87%, 60%
CMY	0.0822, 0.1255, 0.3999
CMYK	0.00, 0.05, 0.35, 0.08
HSL	52°, 66%, 76%
HSV	52°, 35%, 92%
XYZ	66.0766, 72.5677, 40.6680
YIQ	218.3090, 29.0260, -19.4380

Conversions

Conversions Part 2

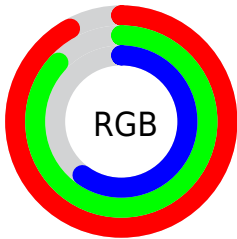
Format	Color
R _Y B	166, 234, 153
Decimal	15392665
CIE Lab	88.24, -6.38, 35.69
CIE LCh	88, 36.259, 100.135
Yxy	72.5677, 0.3685, 0.4047
Android (android.graphics.Color)	4293582745 (0xFFEADF99)
YUV	218.3090, -32.1973, 13.7610
Hunter-Lab	85.1867, -10.6199, 31.3257

Details

The Yxy color **72.5677, 0.3685, 0.4047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2840, 0.2520, 0.2398**, and the grayscale version is **70.5519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **38.2920, 0.3804, 0.4224** is the 20% darker color. If you saturate the color by 10%, you get **70.1852, 0.3851, 0.4257**, and if you desaturate by 10%, it is **75.1405, 0.3517, 0.3827**.

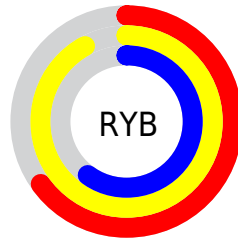
Distribution



Red (92%)

Green (87%)

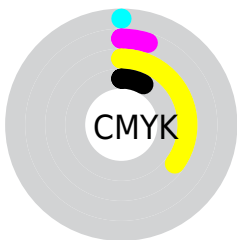
Blue (60%)



Red (65%)

Yellow (92%)

Blue (60%)

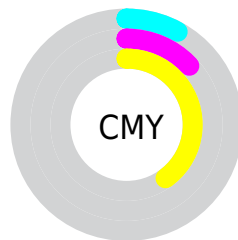


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (8%)



Cyan (8%)


Magenta (13%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5677, 0.3685, 0.4047 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 72.5677, 0.3685, 0.4047 by changing the saturation by 10% instead.


 72.5677, 0.3685,
0.4047


 72.5677, 0.3685,
0.4047


469.5152, 0.3434,
0.3696

 53.6226, 0.3740,
0.4126


 122.8633, 0.3600,
0.3926

 38.3000, 0.3805,
0.4222


 154.9826, 0.3566,
0.3879

 26.2156, 0.3885,
0.4342

192.2620, 0.3537,
0.3838

 16.9850, 0.3983,
0.4494

235.0859, 0.3511,
0.3802

 10.2238, 0.4103,
0.4690

283.8388, 0.3488,
0.3771

 5.5476, 0.4244,
0.4946

338.9051, 0.3468,

 2.5720, 0.4543,

0.3743

0.5457

400.6690, 0.3450,
0.3719

■ 0.9126, 0.4381,
0.5619

■ 0.0000, 0.0000,
0.0000

■ 72.5677, 0.3685,
0.4047

■ 72.5677, 0.3685,
0.4047

■ 70.1852, 0.3851,
0.4257

■ 75.1405, 0.3517,
0.3827

■ 67.9740, 0.4009,
0.4448


■ 77.9021, 0.3353,
0.3605

■ 65.9274, 0.4152,
0.4608


■ 80.8635, 0.3196,
0.3387

■ 64.0342, 0.4273,
0.4730


■ 84.0320, 0.3049,
0.3180


 62.2814, 0.4367,
0.4807


 86.4081, 0.3000,
0.3129


 60.6529, 0.4433,
0.4838

 88.2897, 0.3000,
0.3161

 59.8143, 0.4459,
0.4841

 90.2043, 0.3000,
0.3193

 92.1521, 0.3000,
0.3225

 94.1333, 0.3000,
0.3257

Harmonies

Analogous

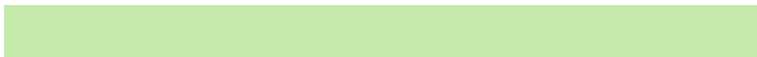
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5677, 0.3949, 0.3831



72.5677, 0.3685, 0.4047



72.5677, 0.3280, 0.4051

Triad

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



72.5677, 0.3685, 0.4047



72.5677, 0.2339, 0.2979



72.5677, 0.3370, 0.2847

Complementary

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



72.5677, 0.3685, 0.4047



39.2840, 0.2520, 0.2398

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.



72.5677, 0.2927, 0.2645



72.5677, 0.3685, 0.4047



72.5677, 0.2358, 0.2697

Square

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



72.5677, 0.3685, 0.4047



72.5677, 0.2513, 0.3389



72.5677, 0.2564, 0.2586



72.5677, 0.3768, 0.3152

Rectangle

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



72.5677, 0.3685, 0.4047



72.5677, 0.2990, 0.3911



72.5677, 0.2564, 0.2586



72.5677, 0.3220, 0.2766

Sweetspot

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



72.5710, 0.3685, 0.4047



96.2699, 0.3280, 0.3504



43.0079, 0.3823, 0.3154



20.4978, 0.3303, 0.3535



0.0000, 0.0000, 0.0000



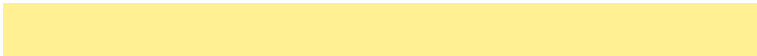
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5710, 0.3685, 0.4047



85.9614, 0.3811, 0.4208



74.2363, 0.3439, 0.4216



17.2568, 0.3271, 0.3492



33.7409, 0.4455, 0.4845



2.7462, 0.4413, 0.4878

Inverse Universe

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



39.2840, 0.2520, 0.2398



39.5174, 0.2367, 0.2163



38.5989, 0.2720, 0.2313



14.8796, 0.2980, 0.3080



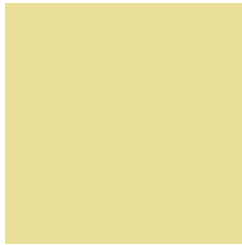
4.0187, 0.1530, 0.0708



0.4204, 0.1586, 0.0908

Previews

White Background



This preview shows how the Yxy color 72.5677, 0.3685, 0.4047 looks on a white background.

Color Contrast Check

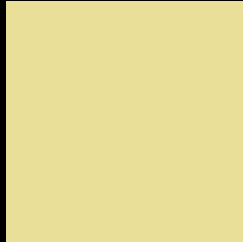
Large Text (above 18pt) WCAG AA × Fail

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 72.5677, 0.3685, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

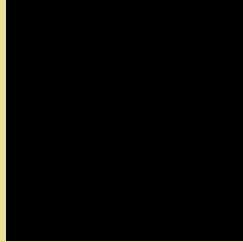
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

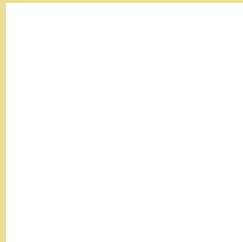
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5677, 0.3685, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 72.5677, 0.3685, 0.4047.



This preview shows how white text looks on a background with the Yxy color 72.5677, 0.3685, 0.4047.

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

72.5677, 0.3685, 0.4047

Protanopia

72.3306, 0.3738, 0.4028

Deuteranopia

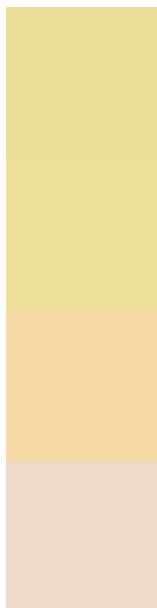
72.3703, 0.3737, 0.3714



Tritanopia

72.3564, 0.3231, 0.3115

Trichromacy



Original Color

72.5677, 0.3685, 0.4047

Protanomaly

72.5141, 0.3718, 0.4042

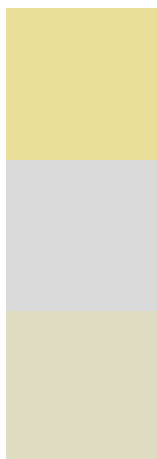
Deuteranomaly

72.1530, 0.3716, 0.3827

Tritanomaly

72.4152, 0.3402, 0.3450

Monochromacy



Original Color

72.5677, 0.3685, 0.4047

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9287, 0.3333, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5677, 0.3685, 0.4047 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(234, 223, 153)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 153)  
}
```

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(234, 223, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 153) }
```

Border

The CSS property to change the border of an element to Yxy 72.5677, 0.3685, 0.4047 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(234, 223, 153) }
```

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

```
.border{ border-color:rgb(234, 223, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 153);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5677, 0.3685, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 153) }
```

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

```
.background{ background-color: rgb(234,  
223, 153) }
```

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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