

Converting Colors

$Y_{xy}(72.8430, 0.3611, 0.3922)$

Have a look what the booklet for
Yxy(72.8430, 0.3611, 0.3922)
contains.

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Color

Yxy(72.9481, 0.3610, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	EADFA4
RGB	234, 223, 164
RGB Percent	92%, 87%, 64%
CMY	0.0825, 0.1254, 0.3569
CMYK	0.00, 0.05, 0.30, 0.08
HSL	51°, 62%, 78%
HSV	51°, 30%, 92%
XYZ	67.0083, 72.9481, 45.6622
YIQ	219.5630, 25.4950, -16.0170

Conversions

Conversions Part 2

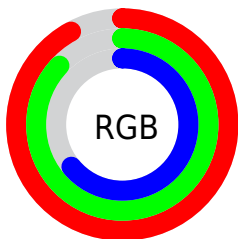
Format	Color
R _Y B	177, 234, 164
Decimal	15392676
CIE Lab	88.42, -5.09, 30.34
CIE LCh	88, 30.762, 99.528
Yxy	72.9481, 0.3610, 0.3930
Android (android.graphics.Color)	4293582756 (0xFFEADFA4)
YUV	219.5630, -27.3926, 12.6612
Hunter-Lab	85.4097, -9.4244, 28.0888

Details

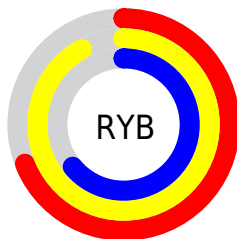
The Yxy color **72.9481, 0.3610, 0.3930** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4577, 0.2614, 0.2556**, and the grayscale version is **71.4282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **38.5222, 0.3710, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **70.2494, 0.3781, 0.4142**, and if you desaturate by 10%, it is **75.8511, 0.3441, 0.3712**.

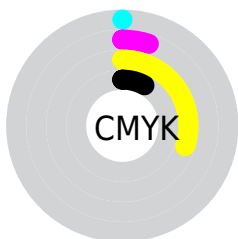
Distribution



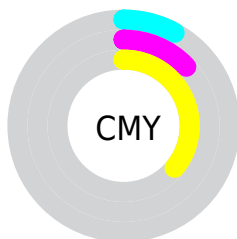
- Red (92%)
- Green (87%)
- Blue (64%)



- Red (69%)
- Yellow (92%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (8%)




- Cyan (8%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9481, 0.3610, 0.3930 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 72.9481, 0.3610, 0.3930 by changing the saturation by 10% instead.

 72.9481, 0.3610,
0.3930

 72.9481, 0.3610,
0.3930


470.8349, 0.3391,
0.3633

 53.9335, 0.3658,
0.3997

 123.4035, 0.3535,
0.3827

 38.5485, 0.3717,
0.4080


 155.6132, 0.3506,
0.3787

 26.4087, 0.3789,
0.4183


192.9900, 0.3480,
0.3753

 17.1296, 0.3880,
0.4315

235.9183, 0.3458,
0.3723

 10.3270, 0.3995,
0.4490

284.7826, 0.3438,
0.3696

 5.6163, 0.4142,
0.4725

339.9672, 0.3420,

 2.6132, 0.4519,

0.3673

0.5280

401.8565, 0.3405,
0.3652

■ 0.9333, 0.4495,
0.5505

■ 0.0000, 0.0000,
0.0000

■ 72.9481, 0.3610,
0.3930

■ 72.9481, 0.3610,
0.3930

■ 70.2494, 0.3781,
0.4142

■ 75.8511, 0.3441,
0.3712

■ 67.7363, 0.3948,
0.4340

■ 78.9566, 0.3279,
0.3497

■ 65.4024, 0.4105,
0.4513

■ 82.2756, 0.3126,
0.3288

■ 63.2371, 0.4243,
0.4651

■ 85.6486, 0.2999,
0.3116

61.2281, 0.4357,
0.4747

87.7953, 0.2999,
0.3153

59.3611, 0.4443,
0.4797

89.9855, 0.2999,
0.3190

57.6117, 0.4503,
0.4806

92.2193, 0.2999,
0.3226

57.5960, 0.4504,
0.4806

94.4972, 0.2999,
0.3263

96.2251, 0.2999,
0.3290

Harmonies

Analogous

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



72.9481, 0.3828, 0.3752



72.9481, 0.3610, 0.3930



72.9481, 0.3269, 0.3930

Triad

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



72.9481, 0.3610, 0.3930



72.9481, 0.2454, 0.3038



72.9481, 0.3328, 0.2906

Complementary

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



72.9481, 0.3610, 0.3930



44.4577, 0.2614, 0.2556

Split Complementary

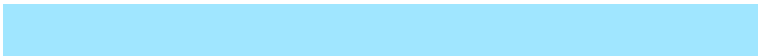
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9481, 0.2952, 0.2733



72.9481, 0.3610, 0.3930



72.9481, 0.2466, 0.2790

Square

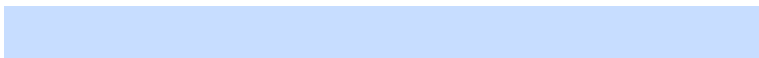
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9481, 0.3610, 0.3930



72.9481, 0.2609, 0.3384



72.9481, 0.2643, 0.2688



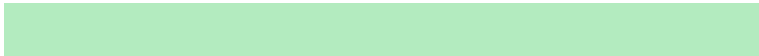
72.9481, 0.3664, 0.3170

Rectangle

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



72.9481, 0.3610, 0.3930



72.9481, 0.3022, 0.3814



72.9481, 0.2643, 0.2688



72.9481, 0.3201, 0.2836

Sweetspot

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



72.9514, 0.3610, 0.3930



96.3419, 0.3265, 0.3478



47.1510, 0.3685, 0.3159



20.4989, 0.3288, 0.3509



0.0000, 0.0000, 0.0000



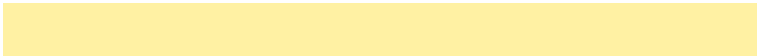
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9514, 0.3610, 0.3930



86.6168, 0.3717, 0.4064



75.2954, 0.3408, 0.4081



17.2026, 0.3272, 0.3487



32.5319, 0.4498, 0.4811



2.6625, 0.4449, 0.4849

Inverse Universe

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



44.4577, 0.2614, 0.2556



46.6885, 0.2492, 0.2373



43.0870, 0.2777, 0.2457



14.9290, 0.2980, 0.3085



4.1829, 0.1537, 0.0733



0.4438, 0.1597, 0.0950

Previews

White Background



This preview shows how the Yxy color 72.9481, 0.3610, 0.3930 looks on a white background.

Color Contrast Check

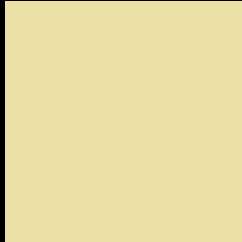
Large Text (above 18pt) WCAG AA × Fail

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 72.9481, 0.3610, 0.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

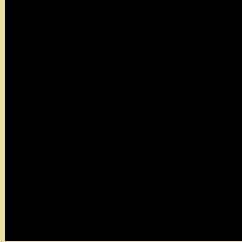
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9481, 0.3610, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 72.9481, 0.3610, 0.3930.



This preview shows how white text looks on a background with the Yxy color 72.9481, 0.3610, 0.3930.

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

72.9481, 0.3610, 0.3930

Protanopia

73.0640, 0.3651, 0.3923

Deuteranopia

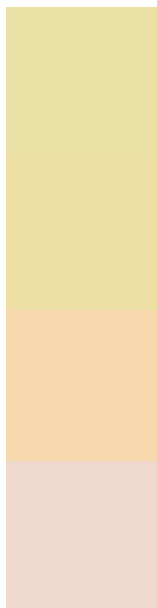
72.5675, 0.3700, 0.3662



Tritanopia

72.7399, 0.3216, 0.3115

Trichromacy



Original Color

72.9481, 0.3610, 0.3930

Protanomaly

72.8914, 0.3643, 0.3925

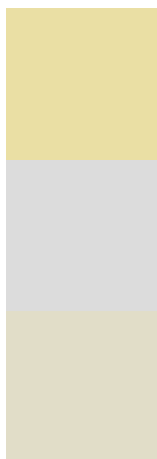
Deuteranomaly

72.4170, 0.3665, 0.3754

Tritanomaly

72.4814, 0.3359, 0.3397

Monochromacy



Original Color

72.9481, 0.3610, 0.3930

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8906, 0.3297, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9481, 0.3610, 0.3930 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 164) }
```

Border

The CSS property to change the border of an element to Yxy 72.9481, 0.3610, 0.3930 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, 164) }
```

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

```
.border{ border-color:rgb(234, 223, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 164);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9481, 0.3610, 0.3930 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, 164) }
```

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

```
.background{ background-color: rgb(234,  
223, 164) }
```

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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