

Converting Colors

$Yxy(72.1103, 0.3814, 0.4226)$

Have a look what the booklet for
Yxy(72.1103, 0.3814, 0.4226)
contains.

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Color

Yxy(72.1868, 0.3811, 0.4230)

Conversions

Conversions Part 1

Format	Color
Hex	EBDF87
RGB	235, 223, 135
RGB Percent	92%, 87%, 53%
CMY	0.0782, 0.1255, 0.4705
CMYK	0.00, 0.05, 0.43, 0.08
HSL	53°, 71%, 73%
HSV	53°, 43%, 92%
XYZ	65.0364, 72.1868, 33.4312
YIQ	216.5560, 35.4000, -24.8240

Conversions

Conversions Part 2

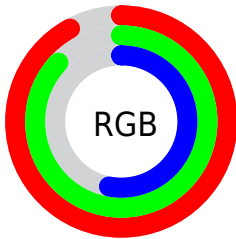
Format	Color
RYB	149, 235, 135
Decimal	15458183
CIELab	88.06, -7.93, 44.49
CIELCh	88, 45.187, 100.107
Yxy	72.1868, 0.3811, 0.4230
Android (android.graphics.Color)	4293648263 (0xFFEBDF87)
YUV	216.5560, -40.2071, 16.1754
Hunter-Lab	84.9628, -12.0488, 36.1445

Details

The Yxy color **72.1868, 0.3811, 0.4230** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.0465, 0.2356, 0.2130**, and the grayscale version is **69.3375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4541, 0.3520, 0.3939**, and **38.0948, 0.3955, 0.4442** is the 20% darker color. If you saturate the color by 10%, you get **70.0968, 0.3967, 0.4428**, and if you desaturate by 10%, it is **74.4550, 0.3647, 0.4014**.

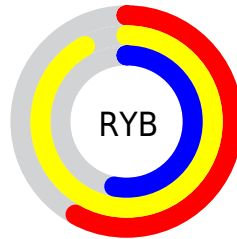
Distribution



Red (92%)

Green (87%)

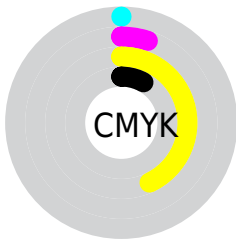
Blue (53%)



Red (58%)

Yellow (92%)

Blue (53%)

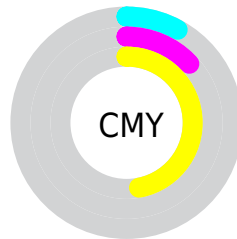


Cyan (0%)

Magenta (5%)

Yellow (43%)

Black (8%)



Cyan (8%)

Magenta (13%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1868, 0.3811, 0.4230 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 72.1868, 0.3811, 0.4230 by changing the saturation by 10% instead.


 72.1868, 0.3811,
0.4230


 72.1868, 0.3811,
0.4230


468.1915, 0.3508,
0.3797


 53.3113, 0.3875,
0.4325


 122.3221, 0.3710,
0.4082

 38.0513, 0.3950,
0.4441


 154.3506, 0.3669,
0.4024

 26.0225, 0.4038,
0.4582


 191.5323, 0.3634,
0.3973

 16.8405, 0.4142,
0.4755

234.2515, 0.3602,
0.3929

 10.1208, 0.4258,
0.4970

282.8926, 0.3575,
0.3890

 5.4791, 0.4434,
0.5302

337.8401, 0.3550,

 2.5310, 0.4459,

0.3856

0.5541

399.4783, 0.3528,
0.3825

0.8921, 0.4231,
0.5769

0.0000, 0.0000,
0.0000

72.1868, 0.3811,
0.4230

72.1868, 0.3811,
0.4230

70.0968, 0.3967,
0.4428

74.4550, 0.3647,
0.4014

68.1652, 0.4110,
0.4597


76.9003, 0.3481,
0.3789

66.3842, 0.4230,
0.4729


79.5345, 0.3320,
0.3564


64.7412, 0.4325,
0.4817


82.3650, 0.3165,
0.3345


 63.2209, 0.4392,
0.4859

 85.3992, 0.3021,
0.3136

 62.1519, 0.4426,
0.4867

 87.2132, 0.3006,
0.3140

 88.8960, 0.3006,
0.3169

 90.6050, 0.3006,
0.3197

 92.3403, 0.3006,
0.3225

Harmonies

Analogous

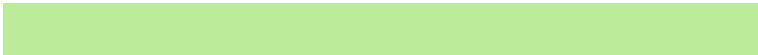
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1868, 0.4147, 0.3944



72.1868, 0.3811, 0.4230



72.1868, 0.3307, 0.4255

Triad

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



72.1868, 0.3811, 0.4230



72.1868, 0.2162, 0.2893



72.1868, 0.3425, 0.2747

Complementary

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



72.1868, 0.3811, 0.4230



32.0465, 0.2356, 0.2130

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.



72.1868, 0.2873, 0.2503



72.1868, 0.3811, 0.4230



72.1868, 0.2186, 0.2554

Square

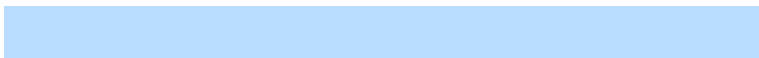
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1868, 0.3811, 0.4230



72.1868, 0.2368, 0.3408



72.1868, 0.2433, 0.2428



72.1868, 0.3929, 0.3112

Rectangle

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



72.1868, 0.3811, 0.4230



72.1868, 0.2948, 0.4081



72.1868, 0.2433, 0.2428



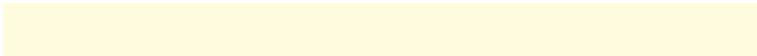
72.1868, 0.3237, 0.2649

Sweetspot

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



72.1901, 0.3811, 0.4230



95.5207, 0.3327, 0.3575



37.1527, 0.4086, 0.3142



20.2912, 0.3363, 0.3625



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.



72.1901, 0.3811, 0.4230



84.6544, 0.3947, 0.4403



73.2556, 0.3489, 0.4446



17.2987, 0.3271, 0.3495



34.6976, 0.4422, 0.4871



2.8121, 0.4386, 0.4899

Inverse Universe

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



32.0465, 0.2356, 0.2130



30.5198, 0.2179, 0.1849



32.0693, 0.2614, 0.2064



14.8416, 0.2980, 0.3076



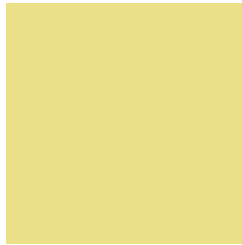
3.9061, 0.1525, 0.0690



0.4024, 0.1576, 0.0874

Previews

White Background



This preview shows how the Yxy color 72.1868, 0.3811, 0.4230 looks on a white background.

Color Contrast Check

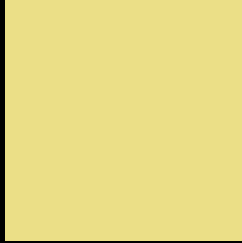
Large Text (above 18pt) WCAG AA × Fail

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 72.1868, 0.3811, 0.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

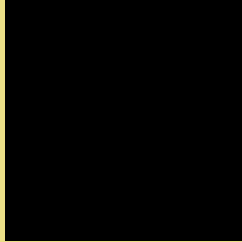
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1868, 0.3811, 0.4230

Background



This preview shows how black text looks on a background with the Yxy color 72.1868, 0.3811, 0.4230.



This preview shows how white text looks on a background with the Yxy color 72.1868, 0.3811, 0.4230.

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

72.1868, 0.3811, 0.4230

Protanopia

72.1349, 0.3873, 0.4205

Deuteranopia

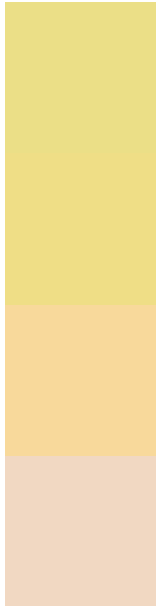
72.1063, 0.3789, 0.3786



Tritanopia

72.1009, 0.3260, 0.3126

Trichromacy



Original Color

72.1868, 0.3811, 0.4230

Protanomaly

72.3145, 0.3853, 0.4220

Deuteranomaly

71.9487, 0.3802, 0.3940

Tritanomaly

71.7075, 0.3469, 0.3525

Monochromacy



Original Color

72.1868, 0.3811, 0.4230

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0982, 0.3383, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1868, 0.3811, 0.4230 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(235, 223, 135)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 135)  
}
```

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(235, 223, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 135) }
```

Border

The CSS property to change the border of an element to Yxy 72.1868, 0.3811, 0.4230 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(235, 223, 135) }
```

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

```
.border{ border-color:rgb(235, 223, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 135);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1868, 0.3811, 0.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 135) }
```

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

```
.background{ background-color: rgb(235,  
223, 135) }
```

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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