

Converting Colors

$Y_{xy}(73.0611, 0.3652, 0.3939)$

Have a look what the booklet for
Yxy(73.0611, 0.3652, 0.3939)
contains.

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Color

Yxy(72.8557, 0.3650, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEA2
RGB	237, 222, 162
RGB Percent	93%, 87%, 64%
CMY	0.0707, 0.1294, 0.3647
CMYK	0.00, 0.06, 0.32, 0.07
HSL	48°, 68%, 78%
HSV	48°, 32%, 93%
XYZ	67.5618, 72.8557, 44.6833
YIQ	219.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

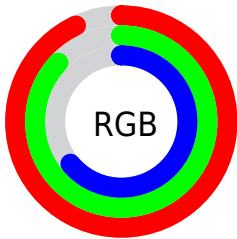
Format	Color
RYB	181, 237, 162
Decimal	15589026
CIELab	88.38, -3.68, 31.34
CIELCh	88, 31.554, 96.697
Yxy	72.8557, 0.3650, 0.3936
Android (android.graphics.Color)	4293779106 (0xFFEDDEA2)
YUV	219.6450, -28.4190, 15.2203
Hunter-Lab	85.3556, -8.0834, 28.7108

Details

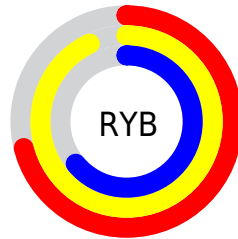
The Yxy color **72.8557, 0.3650, 0.3936** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2240, 0.2585, 0.2547**, and the grayscale version is **71.4968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **38.4665, 0.3763, 0.4082** is the 20% darker color. If you saturate the color by 10%, you get **69.6169, 0.3829, 0.4138**, and if you desaturate by 10%, it is **76.3304, 0.3475, 0.3728**.

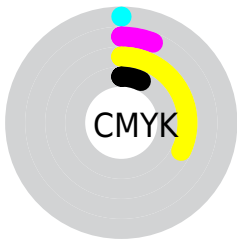
Distribution



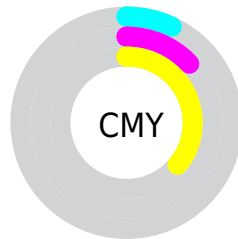
- Red (93%)
- Green (87%)
- Blue (64%)



- Red (71%)
- Yellow (93%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8557, 0.3650, 0.3936 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 72.8557, 0.3650, 0.3936 by changing the saturation by 10% instead.


 72.8557, 0.3650,
0.3936

 72.8557, 0.3650,
0.3936


470.5145, 0.3412,
0.3638

 53.8580, 0.3703,
0.4003


 123.2723, 0.3569,
0.3833

 38.4881, 0.3766,
0.4085


 155.4600, 0.3537,
0.3793

 26.3618, 0.3845,
0.4188


192.8132, 0.3509,
0.3758

 17.0945, 0.3943,
0.4318

235.7162, 0.3485,
0.3728

 10.3019, 0.4069,
0.4489

284.5534, 0.3463,
0.3701

 5.5996, 0.4228,
0.4715

339.7093, 0.3444,

 2.6032, 0.4662,

0.3678

0.5289

401.5682, 0.3427,
0.3657

■ 0.9283, 0.4603,
0.5397

■ 0.0000, 0.0000,
0.0000

■ 72.8557, 0.3650,
0.3936

■ 72.8557, 0.3650,
0.3936

■ 69.6169, 0.3829,
0.4138

■ 76.3304, 0.3475,
0.3728

■ 66.5945, 0.4005,
0.4325

■ 80.0400, 0.3308,
0.3522

■ 63.7814, 0.4172,
0.4487

■ 83.9958, 0.3152,
0.3322

■ 61.1662, 0.4322,
0.4612

■ 88.0897, 0.3018,
0.3150

■ 58.7355, 0.4447,
0.4694

■ 90.9249, 0.3018,
0.3197

■ 56.4735, 0.4543,
0.4729

■ 93.8333, 0.3017,
0.3244

■ 54.6911, 0.4603,
0.4727

■ 96.7404, 0.3017,
0.3290

Harmonies

Analogous

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



72.8557, 0.3858, 0.3739



72.8557, 0.3650, 0.3936



72.8557, 0.3308, 0.3957

Triad

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



72.8557, 0.3650, 0.3936



72.8557, 0.2445, 0.3061



72.8557, 0.3296, 0.2875

Complementary

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



72.8557, 0.3650, 0.3936



45.2240, 0.2585, 0.2547

Split Complementary

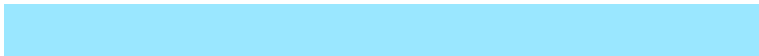
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8557, 0.2913, 0.2710



72.8557, 0.3650, 0.3936



72.8557, 0.2442, 0.2795

Square

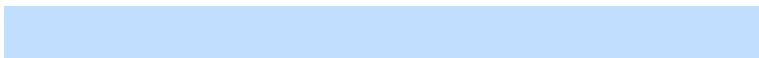
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8557, 0.3650, 0.3936



72.8557, 0.2619, 0.3422



72.8557, 0.2607, 0.2676



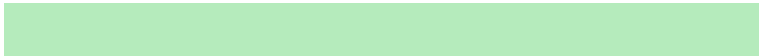
72.8557, 0.3650, 0.3138

Rectangle

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



72.8557, 0.3650, 0.3936



72.8557, 0.3054, 0.3851



72.8557, 0.2607, 0.2676



72.8557, 0.3166, 0.2807

Sweetspot

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



72.8590, 0.3650, 0.3936



95.7216, 0.3266, 0.3469



47.0154, 0.3705, 0.3124



20.3452, 0.3289, 0.3498



0.0000, 0.0000, 0.0000



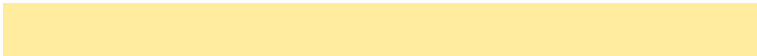
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8590, 0.3650, 0.3936



83.5289, 0.3766, 0.4069



77.5321, 0.3441, 0.4125



17.0866, 0.3273, 0.3477



30.0561, 0.4595, 0.4733



2.4897, 0.4529, 0.4786

Inverse Universe

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



45.2240, 0.2585, 0.2547



46.1166, 0.2459, 0.2364



42.2052, 0.2732, 0.2398



15.0356, 0.2980, 0.3096



4.6079, 0.1555, 0.0798



0.4943, 0.1622, 0.1040

Previews

White Background



This preview shows how the Yxy color 72.8557, 0.3650, 0.3936 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 72.8557, 0.3650, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

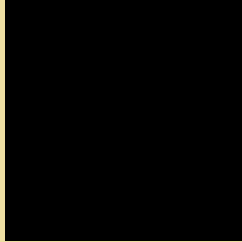
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8557, 0.3650, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 72.8557, 0.3650, 0.3936.



This preview shows how white text looks on a background with the Yxy color 72.8557, 0.3650, 0.3936.

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

72.8557, 0.3650, 0.3936

Protanopia

73.0283, 0.3658, 0.3934

Deuteranopia

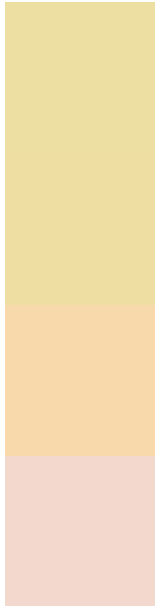
72.5275, 0.3708, 0.3673



Tritanopia

72.7141, 0.3245, 0.3116

Trichromacy



Original Color

72.8557, 0.3650, 0.3936

Protanomaly

73.0283, 0.3658, 0.3934

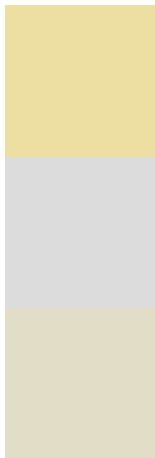
Deuteranomaly

72.5607, 0.3681, 0.3763

Tritanomaly

72.3968, 0.3397, 0.3407

Monochromacy



Original Color

72.8557, 0.3650, 0.3936

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0052, 0.3312, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8557, 0.3650, 0.3936 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(237, 222, 162)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 162)  
}
```

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(237, 222, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 162) }
```

Border

The CSS property to change the border of an element to Yxy 72.8557, 0.3650, 0.3936 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(237, 222, 162) }
```

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

```
.border{ border-color:rgb(237, 222, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 222, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 222, 162); box-shadow:4px 4px 4px 4px rgb(237, 222, 162) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8557, 0.3650, 0.3936$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 162) }
```

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

```
.background{ background-color: rgb(237,  
222, 162) }
```

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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