

Converting Colors

$Yxy(73.9302, 0.3630, 0.3903)$

Have a look what the booklet for
Yxy(73.9302, 0.3630, 0.3903)
contains.

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Color

Yxy(73.7057, 0.3627, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	EEDFA6
RGB	238, 223, 166
RGB Percent	93%, 87%, 65%
CMY	0.0667, 0.1255, 0.3489
CMYK	0.00, 0.06, 0.30, 0.07
HSL	48°, 68%, 79%
HSV	48°, 30%, 93%
XYZ	68.5287, 73.7057, 46.7061
YIQ	220.9870, 27.2370, -14.5470

Conversions

Conversions Part 2

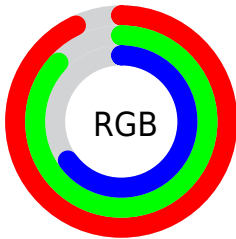
Format	Color
R _Y B	185, 238, 166
Decimal	15654822
CIE Lab	88.78, -3.30, 29.83
CIE LCh	89, 30.009, 96.322
Yxy	73.7057, 0.3627, 0.3901
Android (android.graphics.Color)	4293844902 (0xFFEEDFA6)
YUV	220.9870, -27.1086, 14.9204
Hunter-Lab	85.8520, -7.7589, 27.8409

Details

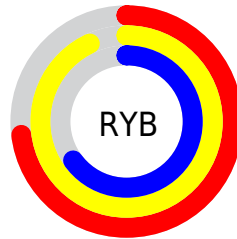
The Yxy color **73.7057, 0.3627, 0.3901** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3336, 0.2613, 0.2593**, and the grayscale version is **72.4786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **39.0439, 0.3733, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **70.3064, 0.3807, 0.4103**, and if you desaturate by 10%, it is **77.3507, 0.3452, 0.3695**.

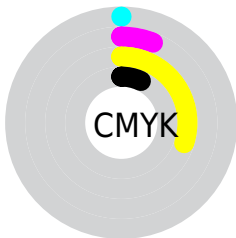
Distribution



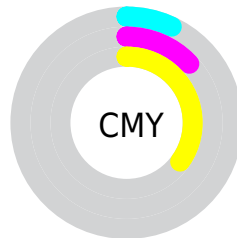
- Red (93%)
- Green (87%)
- Blue (65%)



- Red (73%)
- Yellow (93%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7057, 0.3627, 0.3901 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 73.7057, 0.3627, 0.3901 by changing the saturation by 10% instead.

 73.7057, 0.3627,
0.3901

 73.7057, 0.3627,
0.3901


473.4570, 0.3400,
0.3619

 54.5532, 0.3677,
0.3964


 124.4785, 0.3549,
0.3804

 39.0441, 0.3739,
0.4042


 156.8676, 0.3519,
0.3766

 26.7940, 0.3814,
0.4139


194.4378, 0.3492,
0.3733

 17.4186, 0.3910,
0.4263

237.5733, 0.3469,
0.3704

 10.5334, 0.4032,
0.4425

286.6585, 0.3448,
0.3679

 5.7540, 0.4189,
0.4642

342.0780, 0.3430,

 2.6961, 0.4547,

0.3657

0.5114

404.2160, 0.3414,
0.3637

0.9752, 0.4638,
0.5362

0.0000, 0.0000,
0.0000

73.7057, 0.3627,
0.3901

73.7057, 0.3627,
0.3901

70.3064, 0.3807,
0.4103

77.3507, 0.3452,
0.3695

67.1332, 0.3987,
0.4291

81.2404, 0.3285,
0.3491

64.1791, 0.4158,
0.4455

85.3862, 0.3131,
0.3294

61.4324, 0.4314,
0.4586

89.3886, 0.3024,
0.3169

■ 58.8799, 0.4446,
0.4673

■ 92.3904, 0.3024,
0.3219

■ 56.5061, 0.4549,
0.4712

■ 95.4728, 0.3023,
0.3267

■ 54.3351, 0.4624,
0.4711

■ 96.9144, 0.3023,
0.3290

Harmonies

Analogous

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



73.7057, 0.3821, 0.3714



73.7057, 0.3627, 0.3901



73.7057, 0.3304, 0.3921

Triad

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



73.7057, 0.3627, 0.3901



73.7057, 0.2481, 0.3078



73.7057, 0.3283, 0.2893

Complementary

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



73.7057, 0.3627, 0.3901



47.3336, 0.2613, 0.2593

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.



73.7057, 0.2920, 0.2737



73.7057, 0.3627, 0.3901



73.7057, 0.2475, 0.2824

Square

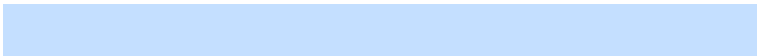
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7057, 0.3627, 0.3901



73.7057, 0.2648, 0.3420



73.7057, 0.2630, 0.2707



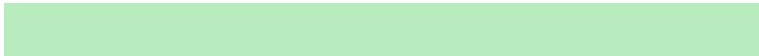
73.7057, 0.3619, 0.3143

Rectangle

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



73.7057, 0.3627, 0.3901



73.7057, 0.3063, 0.3822



73.7057, 0.2630, 0.2707



73.7057, 0.3160, 0.2829

Sweetspot

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



73.7090, 0.3627, 0.3901



95.5993, 0.3266, 0.3467



48.8206, 0.3660, 0.3118



20.3149, 0.3290, 0.3496



0.0000, 0.0000, 0.0000



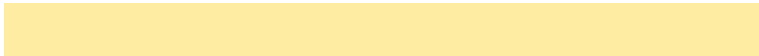
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7090, 0.3627, 0.3901



83.8416, 0.3733, 0.4021



78.7376, 0.3436, 0.4084



17.8678, 0.3273, 0.3476



30.5108, 0.4616, 0.4717



2.6768, 0.4549, 0.4770

Inverse Universe

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



47.3336, 0.2613, 0.2593



48.6089, 0.2500, 0.2431



43.9483, 0.2744, 0.2440



15.7617, 0.2980, 0.3097



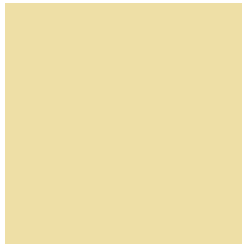
4.8437, 0.1559, 0.0811



0.5417, 0.1623, 0.1042

Previews

White Background



This preview shows how the Yxy color 73.7057, 0.3627, 0.3901 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 73.7057, 0.3627, 0.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

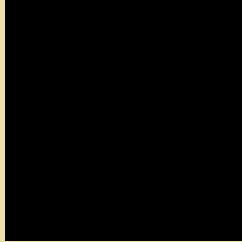
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7057, 0.3627, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 73.7057, 0.3627, 0.3901.



This preview shows how white text looks on a background with the Yxy color 73.7057, 0.3627, 0.3901.

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

73.7057, 0.3627, 0.3901

Protanopia

73.8792, 0.3635, 0.3900

Deuteranopia

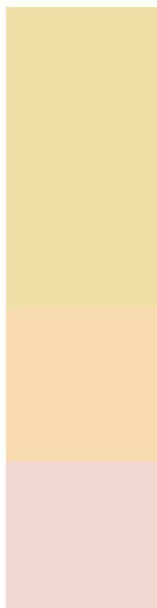
73.7079, 0.3672, 0.3651



Tritanopia

73.4555, 0.3245, 0.3117

Trichromacy



Original Color

73.7057, 0.3627, 0.3901

Protanomaly

73.8792, 0.3635, 0.3900

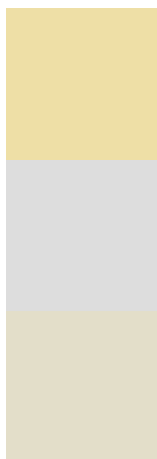
Deuteranomaly

73.9374, 0.3654, 0.3740

Tritanomaly

73.1854, 0.3389, 0.3396

Monochromacy



Original Color

73.7057, 0.3627, 0.3901

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7905, 0.3304, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7057, 0.3627, 0.3901 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(238, 223, 166)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 166)  
}
```

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(238, 223, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 166) }
```

Border

The CSS property to change the border of an element to Yxy 73.7057, 0.3627, 0.3901 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(238, 223, 166) }
```

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

```
.border{ border-color:rgb(238, 223, 166) }
```

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

Here you see how a box with a 4 pixel rgb(238, 223, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 166);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7057, 0.3627, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 166) }
```

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

```
.background{ background-color: rgb(238,  
223, 166) }
```

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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