

Converting Colors

$Yxy(72.9516, 0.3573, 0.3828)$

Have a look what the booklet for
Yxy(72.9516, 0.3573, 0.3828)
contains.

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Color

Yxy(73.0540, 0.3573, 0.3830)

Conversions

Conversions Part 1

Format	Color
Hex	ECDEAC
RGB	236, 222, 172
RGB Percent	93%, 87%, 67%
CMY	0.0746, 0.1293, 0.3255
CMYK	0.00, 0.06, 0.27, 0.07
HSL	47°, 63%, 80%
HSV	47°, 27%, 93%
XYZ	68.1519, 73.0540, 49.5356
YIQ	220.4860, 24.3940, -12.5820

Conversions

Conversions Part 2

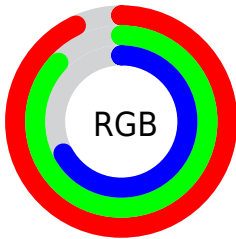
Format	Color
RYB	190, 236, 172
Decimal	15523500
CIELab	88.47, -2.79, 26.31
CIELCh	88, 26.453, 96.059
Yxy	73.0540, 0.3573, 0.3830
Android (android.graphics.Color)	4293713580 (0xFFECDEAC)
YUV	220.4860, -23.9036, 13.6058
Hunter-Lab	85.4716, -7.2460, 25.4683

Details

The Yxy color **73.0540, 0.3573, 0.3830** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9216, 0.2672, 0.2684**, and the grayscale version is **72.0843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **38.5530, 0.3673, 0.3962** is the 20% darker color. If you saturate the color by 10%, you get **69.5368, 0.3754, 0.4032**, and if you desaturate by 10%, it is **76.8223, 0.3399, 0.3626**.

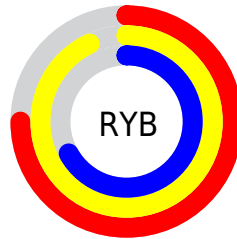
Distribution



Red (93%)

Green (87%)

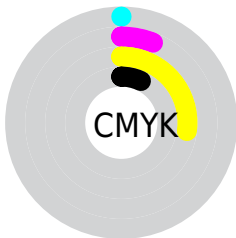
Blue (67%)



Red (75%)

Yellow (93%)

Blue (67%)

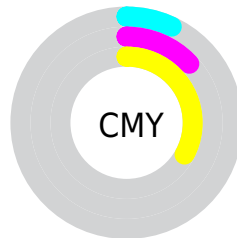


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0540, 0.3573, 0.3830 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 73.0540, 0.3573, 0.3830 by changing the saturation by 10% instead.

73.0540, 0.3573,
0.3830

73.0540, 0.3573,
0.3830

471.2019, 0.3369,
0.3580

54.0201, 0.3619,
0.3887

123.5539, 0.3503,
0.3744

38.6177, 0.3674,
0.3956

155.7886, 0.3475,
0.3710

26.4625, 0.3744,
0.4043

193.1925, 0.3452,
0.3681

17.1699, 0.3832,
0.4156

236.1499, 0.3431,
0.3656

10.3557, 0.3947,
0.4304

285.0451, 0.3413,
0.3633

5.6355, 0.4100,
0.4508

340.2626, 0.3396,

2.6247, 0.4389,

0.3614

0.4889

402.1867, 0.3382,
0.3596

■ 0.9391, 0.4672,
0.5328

■ 0.0000, 0.0000,
0.0000

■ 73.0540, 0.3573,
0.3830

■ 73.0540, 0.3573,
0.3830

■ 69.5368, 0.3754,
0.4032

■ 76.8223, 0.3399,
0.3626

■ 66.2514, 0.3936,
0.4223

■ 80.8404, 0.3236,
0.3427

■ 63.1913, 0.4114,
0.4395

■ 85.1196, 0.3085,
0.3236

■ 60.3452, 0.4279,
0.4535

■ 88.9125, 0.3012,
0.3167

■ 57.7008, 0.4423,
0.4635

■ 92.0300, 0.3011,
0.3218

■ 55.2435, 0.4539,
0.4689

■ 95.2344, 0.3011,
0.3269

■ 52.9548, 0.4626,
0.4695

■ 96.5678, 0.3011,
0.3290

■ 52.3167, 0.4648,
0.4692

Harmonies

Analogous

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



73.0540, 0.3741, 0.3667



73.0540, 0.3573, 0.3830



73.0540, 0.3289, 0.3845

Triad

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



73.0540, 0.3573, 0.3830



73.0540, 0.2553, 0.3108



73.0540, 0.3263, 0.2935

Complementary

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



73.0540, 0.3573, 0.3830



49.9216, 0.2672, 0.2684

Split Complementary

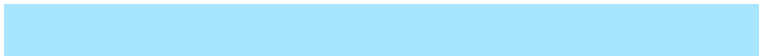
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0540, 0.2942, 0.2796



73.0540, 0.3573, 0.3830



73.0540, 0.2546, 0.2879

Square

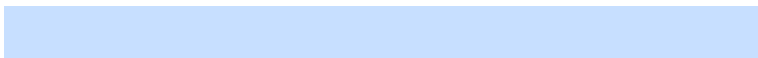
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0540, 0.3573, 0.3830



73.0540, 0.2705, 0.3409



73.0540, 0.2684, 0.2772



73.0540, 0.3560, 0.3159

Rectangle

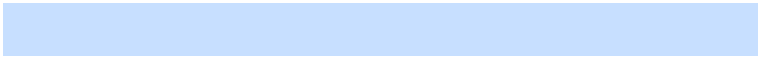
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0540, 0.3573, 0.3830



73.0540, 0.3075, 0.3759



73.0540, 0.2684, 0.2772



73.0540, 0.3154, 0.2877

Sweetspot

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



73.0573, 0.3573, 0.3830



95.9488, 0.3250, 0.3445



50.9159, 0.3578, 0.3125



20.3787, 0.3275, 0.3475



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.



73.0573, 0.3573, 0.3830



84.5574, 0.3681, 0.3952



77.9985, 0.3413, 0.3996



17.0370, 0.3273, 0.3473



29.0447, 0.4639, 0.4699



2.4186, 0.4565, 0.4757

Inverse Universe

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



49.9216, 0.2672, 0.2684



52.3446, 0.2559, 0.2525



46.3839, 0.2783, 0.2536



15.0816, 0.2980, 0.3100



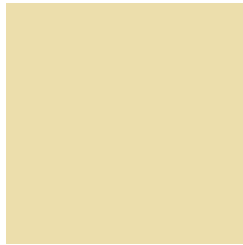
4.8218, 0.1564, 0.0830



0.5174, 0.1633, 0.1079

Previews

White Background



This preview shows how the Yxy color 73.0540, 0.3573, 0.3830 looks on a white background.

Color Contrast Check

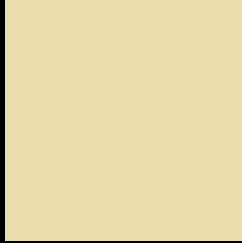
Large Text (above 18pt) WCAG AA × Fail

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 73.0540, 0.3573, 0.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

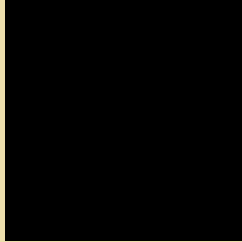
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0540, 0.3573, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 73.0540, 0.3573, 0.3830.

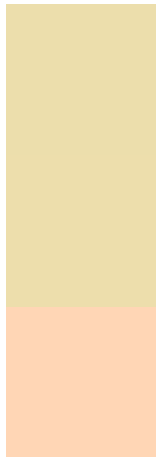


This preview shows how white text looks on a background with the Yxy color 73.0540, 0.3573, 0.3830.

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

73.0540, 0.3573, 0.3830

Protanopia

73.2256, 0.3581, 0.3828

Deuteranopia

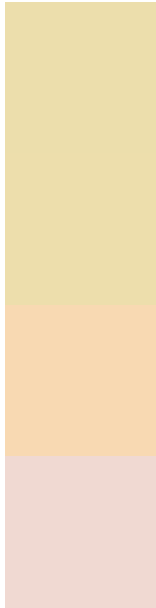
72.6893, 0.3678, 0.3631



Tritanopia

72.9173, 0.3223, 0.3115

Trichromacy



Original Color

73.0540, 0.3573, 0.3830

Protanomaly

73.2256, 0.3581, 0.3828

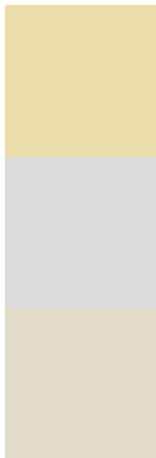
Deuteranomaly

72.7965, 0.3637, 0.3700

Tritanomaly

72.8041, 0.3345, 0.3364

Monochromacy



Original Color

73.0540, 0.3573, 0.3830

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1935, 0.3284, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0540, 0.3573, 0.3830 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(236, 222, 172)` looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 172)  
}
```

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(236, 222, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 172) }
```

Border

The CSS property to change the border of an element to Yxy 73.0540, 0.3573, 0.3830 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(236, 222, 172) }
```

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

```
.border{ border-color:rgb(236, 222, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 222, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 172);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0540, 0.3573, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 172) }
```

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

```
.background{ background-color: rgb(236,  
222, 172) }
```

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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