

Converting Colors

$Y_{xy}(73.0080, 0.3403, 0.3615)$

Have a look what the booklet for
Yxy(73.0080, 0.3403, 0.3615)
contains.

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Color

Yxy(73.2041, 0.3403, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	E8DEC0
RGB	232, 222, 192
RGB Percent	91%, 87%, 75%
CMY	0.0903, 0.1294, 0.2469
CMYK	0.00, 0.04, 0.17, 0.09
HSL	45°, 46%, 83%
HSV	45°, 17%, 91%
XYZ	68.9111, 73.2041, 60.3858
YIQ	221.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

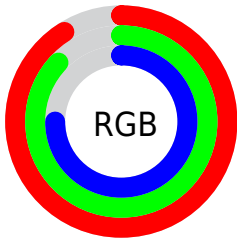
Format	Color
R _Y B	205, 232, 192
Decimal	15261376
CIE Lab	88.54, -1.45, 15.93
CIE LCh	89, 15.996, 95.183
Yxy	73.2041, 0.3403, 0.3615
Android (android.graphics.Color)	4293451456 (0xFFE8DEC0)
YUV	221.5700, -14.5780, 9.1471
Hunter-Lab	85.5594, -5.9618, 18.0461

Details

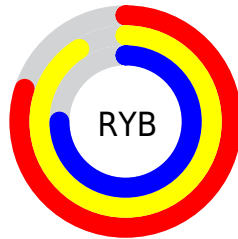
The Yxy color **73.2041, 0.3403, 0.3615** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.2759, 0.2851, 0.2943**, and the grayscale version is **72.8255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **38.7025, 0.3471, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **69.2367, 0.3580, 0.3811**, and if you desaturate by 10%, it is **77.4456, 0.3238, 0.3423**.

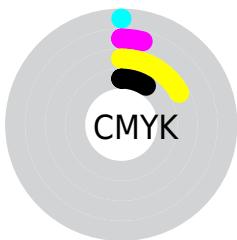
Distribution



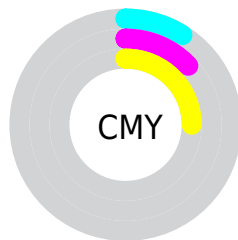
- Red (91%)
- Green (87%)
- Blue (75%)



- Red (80%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2041, 0.3403, 0.3615 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 73.2041, 0.3403, 0.3615 by changing the saturation by 10% instead.

73.2041, 0.3403,
0.3615

73.2041, 0.3403,
0.3615

471.7219, 0.3276,
0.3464

54.1429, 0.3432,
0.3649

123.7669, 0.3359,
0.3563

38.7159, 0.3467,
0.3692

156.0373, 0.3342,
0.3542

26.5388, 0.3512,
0.3746

193.4795, 0.3327,
0.3525

17.2271, 0.3571,
0.3816

236.4779, 0.3314,
0.3510

10.3966, 0.3649,
0.3911

285.4170, 0.3303,
0.3496

5.6627, 0.3760,
0.4047

340.6811, 0.3293,

2.6411, 0.3926,

0.3484

0.4253

402.6546, 0.3284,
0.3474

0.9474, 0.4770,
0.5230

0.0000, 0.0000,
0.0000

73.2041, 0.3403,
0.3615

73.2041, 0.3403,
0.3615

69.2367, 0.3580,
0.3811

77.4456, 0.3238,
0.3423

65.5251, 0.3765,
0.4006

81.9596, 0.3086,
0.3240

62.0632, 0.3955,
0.4191

86.3227, 0.2987,
0.3133

58.8410, 0.4141,
0.4357

89.7727, 0.2987,
0.3191

■ 55.8477, 0.4317,
0.4493

■ 93.3323, 0.2987,
0.3249

■ 53.0707, 0.4473,
0.4588

■ 95.8916, 0.2987,
0.3290

■ 50.4959, 0.4602,
0.4636

■ 48.1048, 0.4700,
0.4635

■ 47.4643, 0.4725,
0.4631

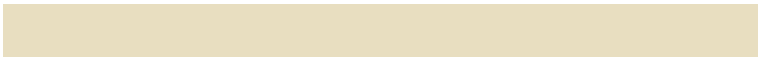
Harmonies

Analogous

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



73.2041, 0.3499, 0.3521



73.2041, 0.3403, 0.3615



73.2041, 0.3234, 0.3621

Triad

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



73.2041, 0.3403, 0.3615



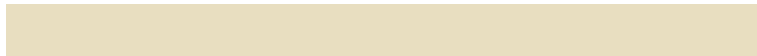
73.2041, 0.2776, 0.3190



73.2041, 0.3206, 0.3067

Complementary

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



73.2041, 0.3403, 0.3615



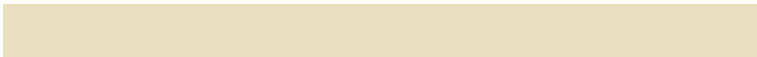
59.2759, 0.2851, 0.2943

Split Complementary

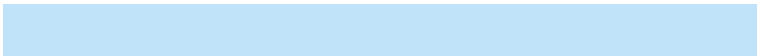
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2041, 0.3012, 0.2982



73.2041, 0.3403, 0.3615



73.2041, 0.2768, 0.3047

Square

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



73.2041, 0.3403, 0.3615



73.2041, 0.2874, 0.3369



73.2041, 0.2853, 0.2973



73.2041, 0.3383, 0.3207

Rectangle

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



73.2041, 0.3403, 0.3615



73.2041, 0.3105, 0.3570



73.2041, 0.2853, 0.2973



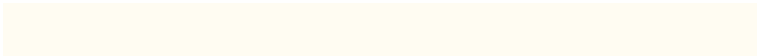
73.2041, 0.3140, 0.3031

Sweetspot

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



73.2074, 0.3403, 0.3615



97.1932, 0.3204, 0.3382



59.1311, 0.3377, 0.3181



20.7204, 0.3215, 0.3395



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.



73.2074, 0.3403, 0.3615



88.7891, 0.3471, 0.3691



77.0344, 0.3314, 0.3727



16.1762, 0.3274, 0.3465



26.5662, 0.4714, 0.4639



2.1078, 0.4622, 0.4712

Inverse Universe

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



59.2759, 0.2851, 0.2943



68.2036, 0.2783, 0.2854



56.0983, 0.2918, 0.2833



14.4684, 0.2980, 0.3108



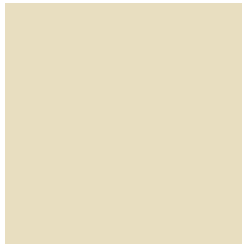
5.0756, 0.1581, 0.0891



0.5198, 0.1658, 0.1168

Previews

White Background



This preview shows how the Yxy color 73.2041, 0.3403, 0.3615 looks on a white background.

Color Contrast Check

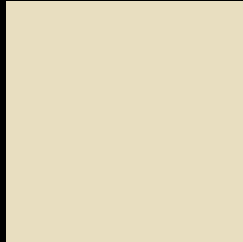
Large Text (above 18pt) WCAG AA × Fail

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 73.2041, 0.3403, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

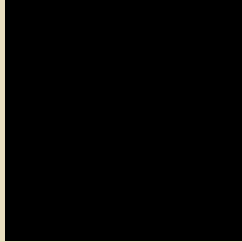
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

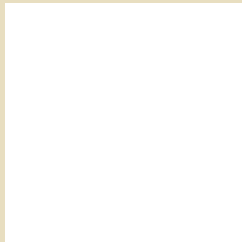
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2041, 0.3403, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 73.2041, 0.3403, 0.3615.

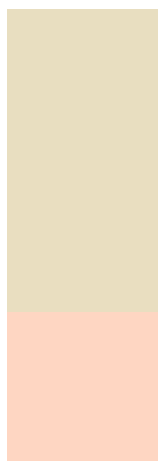


This preview shows how white text looks on a background with the Yxy color 73.2041, 0.3403, 0.3615.

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

73.2041, 0.3403, 0.3615

Protanopia

73.3720, 0.3411, 0.3614

Deuteranopia

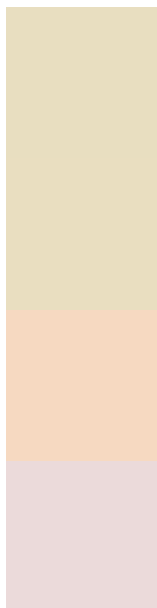
73.0590, 0.3573, 0.3497



Tritanopia

72.9995, 0.3164, 0.3114

Trichromacy



Original Color

73.2041, 0.3403, 0.3615

Protanomaly

73.3720, 0.3411, 0.3614

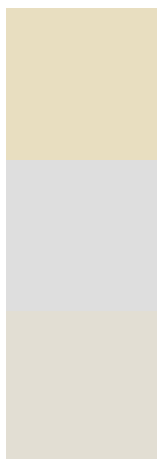
Deuteranomaly

73.0688, 0.3512, 0.3543

Tritanomaly

72.8669, 0.3251, 0.3290

Monochromacy



Original Color

73.2041, 0.3403, 0.3615

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1145, 0.3229, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2041, 0.3403, 0.3615 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(232, 222, 192)` looks like.

```
.text, #text, p{  
    color:rgb(232, 222, 192)  
}
```

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(232, 222, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 192) }
```

Border

The CSS property to change the border of an element to Yxy 73.2041, 0.3403, 0.3615 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(232, 222, 192) }
```

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

```
.border{ border-color:rgb(232, 222, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 222, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 192);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2041, 0.3403, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 192) }
```

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

```
.background{ background-color: rgb(232,  
222, 192) }
```

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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