

Converting Colors

$Yxy(73.8068, 0.3306, 0.3568)$

Have a look what the booklet for
Yxy(73.8068, 0.3306, 0.3568)
contains.

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Color

Yxy(73.6036, 0.3308, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	E2E0C7
RGB	226, 224, 199
RGB Percent	89%, 88%, 78%
CMY	0.1136, 0.1216, 0.2196
CMYK	0.00, 0.01, 0.12, 0.11
HSL	55°, 32%, 83%
HSV	55°, 12%, 89%
XYZ	68.3359, 73.6036, 64.6381
YIQ	221.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

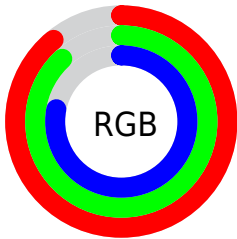
Format	Color
R _Y B	201, 226, 199
Decimal	14868679
CIE Lab	88.73, -3.52, 12.49
CIE LCh	89, 12.974, 105.727
Yxy	73.6036, 0.3308, 0.3563
Android (android.graphics.Color)	4293058759 (0xFFE2E0C7)
YUV	221.7480, -11.2148, 3.7290
Hunter-Lab	85.7925, -7.9573, 15.3843

Details

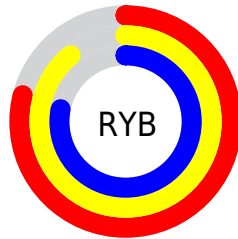
The Yxy color **73.6036, 0.3308, 0.3563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4263, 0.2939, 0.3002**, and the grayscale version is **72.9404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0782, 0.3354, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **71.7229, 0.3466, 0.3798**, and if you desaturate by 10%, it is **75.6559, 0.3156, 0.3334**.

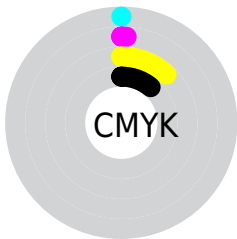
Distribution



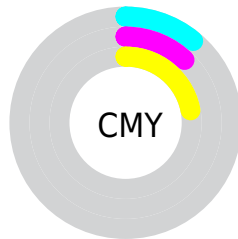
- Red (89%)
- Green (88%)
- Blue (78%)



- Red (79%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6036, 0.3308, 0.3563 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 73.6036, 0.3308, 0.3563 by changing the saturation by 10% instead.

■ 73.6036, 0.3308,
0.3563

■ 73.6036, 0.3308,
0.3563

473.1041, 0.3225,
0.3436

■ 54.4697, 0.3327,
0.3592

124.3337, 0.3279,
0.3519

■ 38.9773, 0.3350,
0.3628

156.6987, 0.3268,
0.3502

■ 26.7420, 0.3379,
0.3674

194.2428, 0.3258,
0.3487

■ 17.3796, 0.3417,
0.3735

237.3504, 0.3250,
0.3474

■ 10.5055, 0.3468,
0.3817

286.4060, 0.3243,
0.3463

■ 5.7354, 0.3540,
0.3936

341.7939, 0.3236,

■ 2.6849, 0.3650,

0.3453

0.4124

403.8984, 0.3230,
0.3444

0.9695, 0.4203,
0.4890

0.0000, 0.0000,
0.0000

73.6036, 0.3308,
0.3563

73.6036, 0.3308,
0.3563

71.7229, 0.3466,
0.3798

75.6559, 0.3156,
0.3334

69.9971, 0.3625,
0.4032

77.8766, 0.3012,
0.3115

68.4222, 0.3781,
0.4256

79.4906, 0.2948,
0.3024

66.9902, 0.3928,
0.4462

80.4382, 0.2948,
0.3042

65.6922, 0.4058,
0.4639

81.3951, 0.2948,
0.3060

64.5184, 0.4167,
0.4778

82.3612, 0.2949,
0.3078

63.4575, 0.4250,
0.4874

83.3367, 0.2949,
0.3095

62.4959, 0.4305,
0.4925

84.3216, 0.2949,
0.3113

61.7767, 0.4333,
0.4941

85.3158, 0.2949,
0.3130

Harmonies

Analogous

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



73.6036, 0.3409, 0.3512



73.6036, 0.3308, 0.3563



73.6036, 0.3160, 0.3538

Triad

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



73.6036, 0.3308, 0.3563



73.6036, 0.2830, 0.3164



73.6036, 0.3246, 0.3145

Complementary

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



73.6036, 0.3308, 0.3563



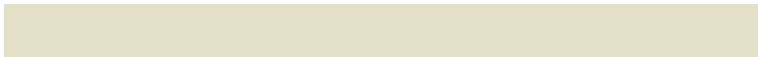
59.4263, 0.2939, 0.3002

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.



73.6036, 0.3088, 0.3057



73.6036, 0.3308, 0.3563



73.6036, 0.2851, 0.3065

Square

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



73.6036, 0.3308, 0.3563



73.6036, 0.2886, 0.3303



73.6036, 0.2945, 0.3027



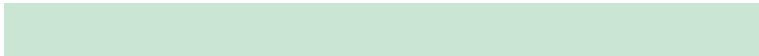
73.6036, 0.3373, 0.3270

Rectangle

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



73.6036, 0.3308, 0.3563



73.6036, 0.3055, 0.3481



73.6036, 0.2945, 0.3027



73.6036, 0.3195, 0.3110

Sweetspot

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



73.6068, 0.3308, 0.3563



98.8710, 0.3187, 0.3380



61.2507, 0.3325, 0.3265



21.1179, 0.3198, 0.3398



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.



73.6068, 0.3308, 0.3563



96.2062, 0.3341, 0.3613



72.9463, 0.3224, 0.3592



15.8435, 0.3269, 0.3505



35.3102, 0.4331, 0.4943



2.5009, 0.4307, 0.4962

Inverse Universe

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



59.4263, 0.2939, 0.3002



74.5637, 0.2902, 0.2945



60.0810, 0.3021, 0.2985



13.4083, 0.2981, 0.3066



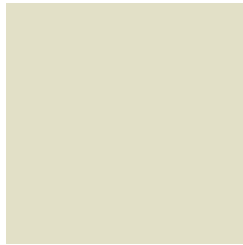
3.4270, 0.1514, 0.0650



0.2964, 0.1553, 0.0790

Previews

White Background



This preview shows how the Yxy color 73.6036, 0.3308, 0.3563 looks on a white background.

Color Contrast Check

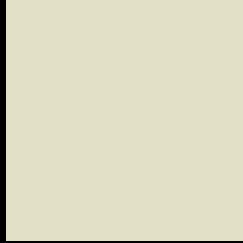
Large Text (above 18pt) WCAG AA × Fail

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 73.6036, 0.3308, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

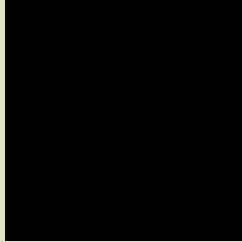
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

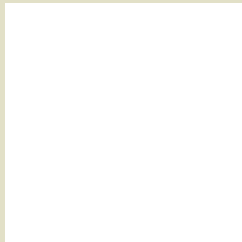
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6036, 0.3308, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 73.6036, 0.3308, 0.3563.

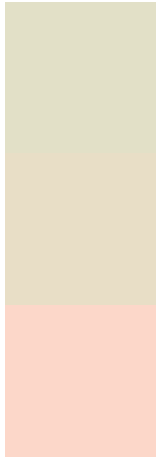


This preview shows how white text looks on a background with the Yxy color 73.6036, 0.3308, 0.3563.

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

73.6036, 0.3308, 0.3563

Protanopia

73.4756, 0.3362, 0.3549

Deuteranopia

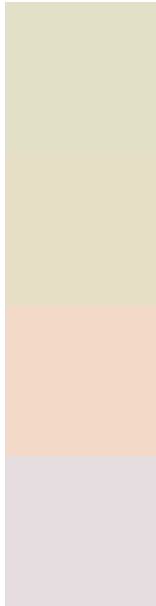
73.5134, 0.3504, 0.3435



Tritanopia

73.7081, 0.3100, 0.3112

Trichromacy



Original Color

73.6036, 0.3308, 0.3563

Protanomaly

73.6756, 0.3345, 0.3561

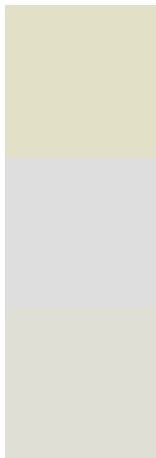
Deuteranomaly

73.3676, 0.3437, 0.3480

Tritanomaly

73.6986, 0.3171, 0.3269

Monochromacy



Original Color

73.6036, 0.3308, 0.3563

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3184, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6036, 0.3308, 0.3563 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(226, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 199)  
}
```

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(226, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 199) }
```

Border

The CSS property to change the border of an element to Yxy 73.6036, 0.3308, 0.3563 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(226, 224, 199) }
```

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

```
.border{ border-color:rgb(226, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 224, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 224, 199); box-shadow:4px 4px 4px 4px rgb(226, 224, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6036, 0.3308, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 199) }
```

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

```
.background{ background-color: rgb(226,  
224, 199) }
```

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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