

Converting Colors

$Yxy(74.0038, 0.3355, 0.3605)$

Have a look what the booklet for
Yxy(74.0038, 0.3355, 0.3605)
contains.

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Color

Yxy(73.9095, 0.3357, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	E5E0C3
RGB	229, 224, 195
RGB Percent	90%, 88%, 76%
CMY	0.1019, 0.1216, 0.2352
CMYK	0.00, 0.02, 0.15, 0.10
HSL	51°, 40%, 83%
HSV	51°, 15%, 90%
XYZ	68.8250, 73.9095, 62.2849
YIQ	222.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

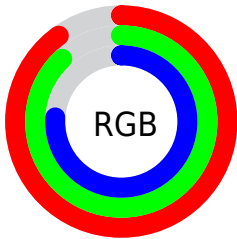
Format	Color
RYB	201, 229, 195
Decimal	15065283
CIELab	88.88, -3.07, 14.80
CIELCh	89, 15.119, 101.735
Yxy	73.9095, 0.3357, 0.3605
Android (android.graphics.Color)	4293255363 (0xFFE5E0C3)
YUV	222.1890, -13.4042, 5.9732
Hunter-Lab	85.9706, -7.5479, 17.2244

Details

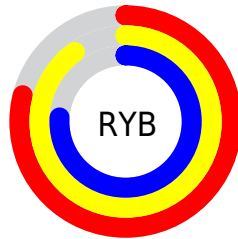
The Yxy color **73.9095, 0.3357, 0.3605** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.5939, 0.2890, 0.2954**, and the grayscale version is **73.2819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **39.1833, 0.3409, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **71.1559, 0.3522, 0.3824**, and if you desaturate by 10%, it is **76.8647, 0.3200, 0.3391**.

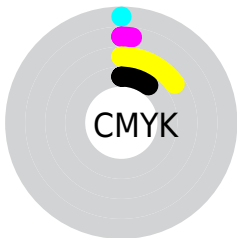
Distribution



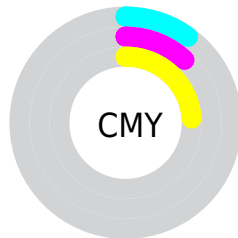
- Red (90%)
- Green (88%)
- Blue (76%)



- Red (79%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9095, 0.3357, 0.3605 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 73.9095, 0.3357, 0.3605 by changing the saturation by 10% instead.

■ 73.9095, 0.3357,
0.3605

■ 73.9095, 0.3357,
0.3605

474.1610, 0.3251,
0.3459

■ 54.7200, 0.3381,
0.3639

124.7675, 0.3321,
0.3554

■ 39.1776, 0.3410,
0.3680

157.2048, 0.3306,
0.3534

■ 26.8979, 0.3447,
0.3733

194.8268, 0.3294,
0.3517

■ 17.4965, 0.3495,
0.3801

238.0178, 0.3283,
0.3503

■ 10.5891, 0.3559,
0.3895

287.1624, 0.3274,
0.3490

■ 5.7913, 0.3650,
0.4029

342.6448, 0.3266,

■ 2.7186, 0.3786,

0.3478

0.4238

404.8496, 0.3258,
0.3468

0.9866, 0.4568,
0.5244

0.0000, 0.0000,
0.0000

73.9095, 0.3357,
0.3605

73.9095, 0.3357,
0.3605

71.1559, 0.3522,
0.3824

76.8647, 0.3200,
0.3391

68.5866, 0.3691,
0.4042

80.0185, 0.3053,
0.3186

66.1969, 0.3859,
0.4250

82.8055, 0.2967,
0.3078

63.9782, 0.4020,
0.4438

84.7501, 0.2968,
0.3113

61.9208, 0.4166,
0.4596

86.7317, 0.2968,
0.3147

60.0141, 0.4290,
0.4715

88.7503, 0.2969,
0.3182

58.2456, 0.4388,
0.4790

90.8063, 0.2969,
0.3216

56.6001, 0.4456,
0.4819

92.8998, 0.2969,
0.3250

55.7866, 0.4484,
0.4822

95.0310, 0.2970,
0.3284

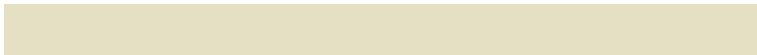
Harmonies

Analogous

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



73.9095, 0.3465, 0.3533



73.9095, 0.3357, 0.3605



73.9095, 0.3189, 0.3590

Triad

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



73.9095, 0.3357, 0.3605



73.9095, 0.2786, 0.3163



73.9095, 0.3241, 0.3105

Complementary

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



73.9095, 0.3357, 0.3605



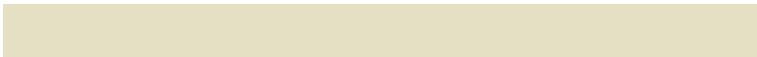
58.5939, 0.2890, 0.2954

Split Complementary

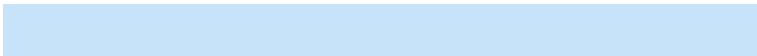
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9095, 0.3057, 0.3011



73.9095, 0.3357, 0.3605



73.9095, 0.2799, 0.3039

Square

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



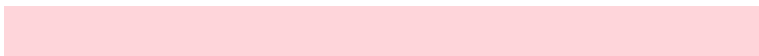
73.9095, 0.3357, 0.3605



73.9095, 0.2862, 0.3327



73.9095, 0.2897, 0.2986



73.9095, 0.3398, 0.3246

Rectangle

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



73.9095, 0.3357, 0.3605



73.9095, 0.3067, 0.3529



73.9095, 0.2897, 0.2986



73.9095, 0.3181, 0.3067

Sweetspot

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



73.9128, 0.3357, 0.3605



98.4036, 0.3187, 0.3373



59.8802, 0.3364, 0.3234



20.9992, 0.3199, 0.3389



0.0000, 0.0000, 0.0000



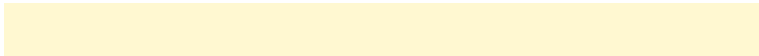
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9128, 0.3357, 0.3605



93.1419, 0.3410, 0.3676



74.7586, 0.3263, 0.3667



16.4356, 0.3271, 0.3489



32.0309, 0.4479, 0.4826



2.4661, 0.4431, 0.4864

Inverse Universe

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



58.5939, 0.2890, 0.2954



69.8374, 0.2833, 0.2872



57.9561, 0.2976, 0.2905



14.2287, 0.2980, 0.3083



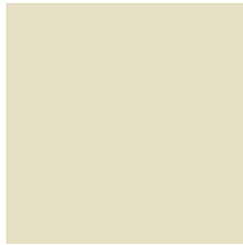
3.9887, 0.1534, 0.0723



0.4024, 0.1596, 0.0946

Previews

White Background



This preview shows how the Yxy color 73.9095, 0.3357, 0.3605 looks on a white background.

Color Contrast Check

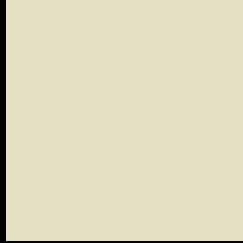
Large Text (above 18pt) WCAG AA × Fail

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 73.9095, 0.3357, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

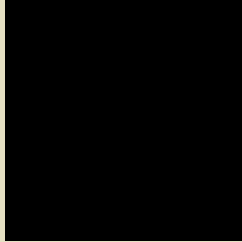
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

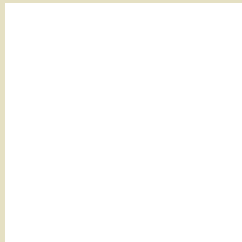
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9095, 0.3357, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 73.9095, 0.3357, 0.3605.



This preview shows how white text looks on a background with the Yxy color 73.9095, 0.3357, 0.3605.

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

73.9095, 0.3357, 0.3605

Protanopia

74.1628, 0.3403, 0.3602

Deuteranopia

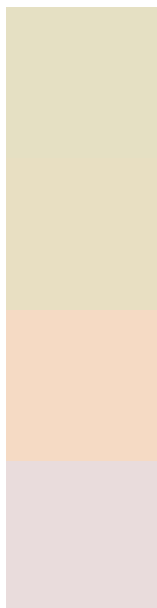
73.7029, 0.3549, 0.3476



Tritanopia

73.8031, 0.3135, 0.3113

Trichromacy



Original Color

73.9095, 0.3357, 0.3605

Protanomaly

73.8262, 0.3388, 0.3604

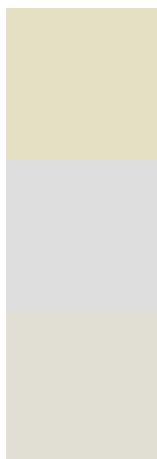
Deuteranomaly

73.5408, 0.3481, 0.3522

Tritanomaly

73.6773, 0.3221, 0.3290

Monochromacy



Original Color

73.9095, 0.3357, 0.3605

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.5364, 0.3214, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9095, 0.3357, 0.3605 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(229, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 195)  
}
```

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(229, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 195) }
```

Border

The CSS property to change the border of an element to Yxy 73.9095, 0.3357, 0.3605 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(229, 224, 195) }
```

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

```
.border{ border-color:rgb(229, 224, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9095, 0.3357, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 195) }
```

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

```
.background{ background-color: rgb(229,  
224, 195) }
```

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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