

Converting Colors

$Yxy(73.5383, 0.3197, 0.3357)$

Have a look what the booklet for
Yxy(73.5383, 0.3197, 0.3357)
contains.

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Color

Yxy(73.3692, 0.3195, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	E2DED8
RGB	226, 222, 216
RGB Percent	89%, 87%, 85%
CMY	0.1139, 0.1293, 0.1529
CMYK	0.00, 0.02, 0.04, 0.11
HSL	36°, 15%, 87%
HSV	36°, 4%, 89%
XYZ	69.8702, 73.3692, 75.4467
YIQ	222.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

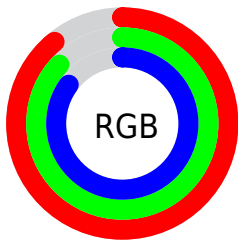
Format	Color
RYB	223, 226, 216
Decimal	14868184
CIELab	88.62, 0.29, 3.41
CIELCh	89, 3.418, 85.119
Yxy	73.3692, 0.3195, 0.3355
Android (android.graphics.Color)	4293058264 (0xFFE2DED8)
YUV	222.5120, -3.2104, 3.0590
Hunter-Lab	85.6558, -4.2936, 7.7357

Details

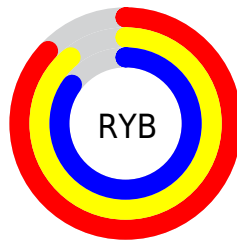
The Yxy color **73.3692, 0.3195, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2453, 0.3060, 0.3224**, and the grayscale version is **73.4469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8686, 0.3216, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **67.6567, 0.3362, 0.3509**, and if you desaturate by 10%, it is **79.5008, 0.3046, 0.3210**.

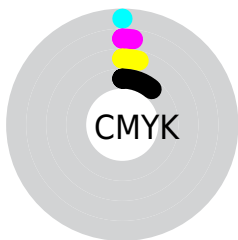
Distribution



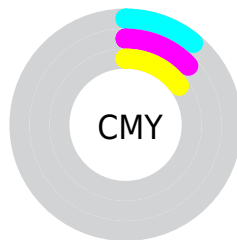
- Red (89%)
- Green (87%)
- Blue (85%)



- Red (87%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3692, 0.3195, 0.3355 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 73.3692, 0.3195, 0.3355 by changing the saturation by 10% instead.

■ 73.3692, 0.3195,
0.3355

■ 73.3692, 0.3195,
0.3355

472.2934, 0.3164,
0.3325

■ 54.2779, 0.3202,
0.3362

124.0012, 0.3184,
0.3345

■ 38.8239, 0.3211,
0.3370

156.3107, 0.3180,
0.3341

■ 26.6227, 0.3222,
0.3381

193.7950, 0.3176,
0.3337

■ 17.2901, 0.3237,
0.3395

236.8386, 0.3173,
0.3334

■ 10.4415, 0.3257,
0.3414

285.8259, 0.3170,
0.3331

■ 5.6927, 0.3286,
0.3442

341.1411, 0.3168,

■ 2.6591, 0.3332,

0.3329

0.3486

403.1689, 0.3166,
0.3327

0.9565, 0.3427,
0.3576

0.0000, 0.0000,
0.0000

73.3692, 0.3195,
0.3355

73.3692, 0.3195,
0.3355

67.6567, 0.3362,
0.3509

79.5008, 0.3046,
0.3210

62.3434, 0.3549,
0.3669

85.6464, 0.2949,
0.3136

57.4215, 0.3753,
0.3830

91.0398, 0.2951,
0.3228

52.8796, 0.3974,
0.3987

94.9020, 0.2952,
0.3289

■ 48.7052, 0.4205,
0.4131

■ 44.8851, 0.4438,
0.4249

■ 41.4048, 0.4663,
0.4331

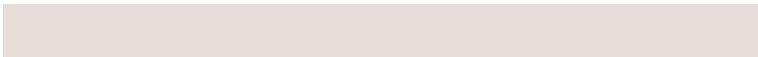
■ 38.2480, 0.4866,
0.4365

■ 35.3958, 0.5036,
0.4345

Harmonies

Analogous

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



73.3692, 0.3208, 0.3331



73.3692, 0.3195, 0.3355



73.3692, 0.3164, 0.3361

Triad

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



73.3692, 0.3195, 0.3355



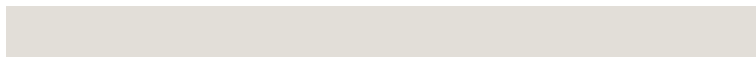
73.3692, 0.3056, 0.3283



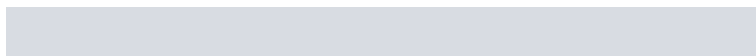
73.3692, 0.3131, 0.3233

Complementary

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



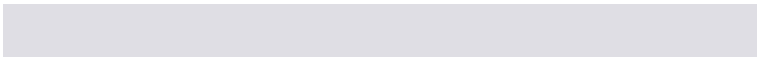
73.3692, 0.3195, 0.3355



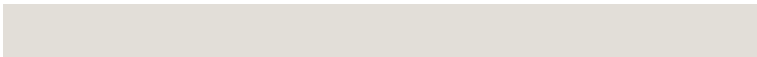
71.2453, 0.3060, 0.3224

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.



73.3692, 0.3090, 0.3220



73.3692, 0.3195, 0.3355



73.3692, 0.3047, 0.3248

Square

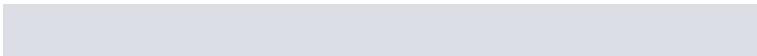
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3692, 0.3195, 0.3355



73.3692, 0.3084, 0.3319



73.3692, 0.3060, 0.3225



73.3692, 0.3171, 0.3261

Rectangle

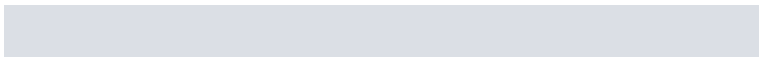
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



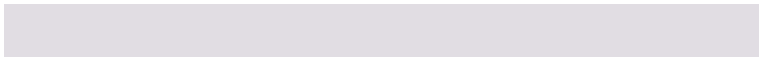
73.3692, 0.3195, 0.3355



73.3692, 0.3137, 0.3355



73.3692, 0.3060, 0.3225



73.3692, 0.3117, 0.3227

Sweetspot

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



73.3724, 0.3195, 0.3355



99.1946, 0.3142, 0.3305



70.4425, 0.3173, 0.3247



21.2402, 0.3142, 0.3304



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.



73.3724, 0.3195, 0.3355



96.0282, 0.3205, 0.3364



75.3296, 0.3185, 0.3397



15.5393, 0.3215, 0.3374



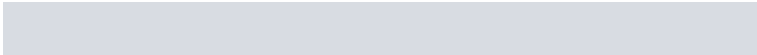
19.5961, 0.5101, 0.4331



1.5316, 0.4924, 0.4472

Inverse Universe

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



71.2453, 0.3060, 0.3224



92.8445, 0.3050, 0.3214



69.3543, 0.3068, 0.3181



14.9591, 0.3041, 0.3205



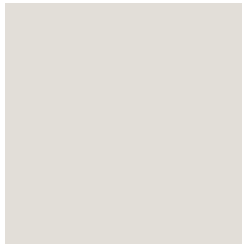
7.4682, 0.1683, 0.1257



0.6889, 0.1768, 0.1564

Previews

White Background



This preview shows how the Yxy color 73.3692, 0.3195, 0.3355 looks on a white background.

Color Contrast Check

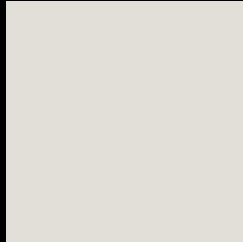
Large Text (above 18pt) WCAG AA × Fail

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 73.3692, 0.3195, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

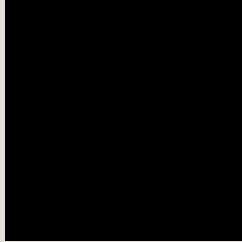
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

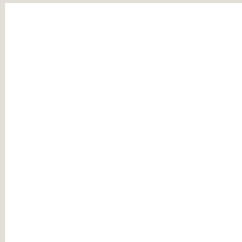
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3692, 0.3195, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 73.3692, 0.3195, 0.3355.

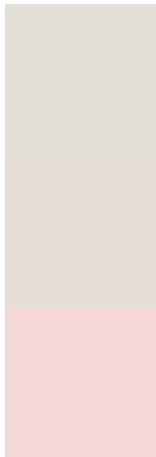


This preview shows how white text looks on a background with the Yxy color 73.3692, 0.3195, 0.3355.

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

73.3692, 0.3195, 0.3355

Protanopia

73.1648, 0.3211, 0.3344

Deuteranopia

73.2035, 0.3343, 0.3270



Tritanopia

73.3772, 0.3086, 0.3111

Trichromacy



Original Color

73.3692, 0.3195, 0.3355

Protanomaly

73.0017, 0.3203, 0.3344

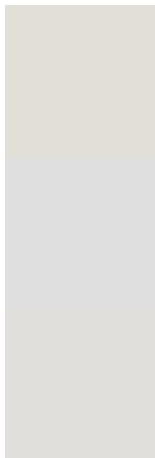
Deuteranomaly

73.5033, 0.3287, 0.3301

Tritanomaly

73.3375, 0.3125, 0.3195

Monochromacy



Original Color

73.3692, 0.3195, 0.3355

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7900, 0.3154, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3692, 0.3195, 0.3355 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, 222, 216)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 216)  
}
```

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, 222, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 216) }
```

Border

The CSS property to change the border of an element to Yxy 73.3692, 0.3195, 0.3355 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, 222, 216) }
```

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

```
.border{ border-color:rgb(226, 222, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 222, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 216);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3692, 0.3195, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 216) }
```

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

```
.background{ background-color: rgb(226,  
222, 216) }
```

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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