

Converting Colors

$Yxy(73.6638, 0.3346, 0.3652)$

Have a look what the booklet for
Yxy(73.6638, 0.3346, 0.3652)
contains.

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Color

Yxy(73.6638, 0.3346, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	E1E1C0
RGB	225, 225, 192
RGB Percent	88%, 88%, 75%
CMY	0.1177, 0.1176, 0.2469
CMYK	0.00, 0.00, 0.15, 0.12
HSL	60°, 35%, 82%
HSV	60°, 15%, 88%
XYZ	67.4915, 73.6638, 60.5528
YIQ	221.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

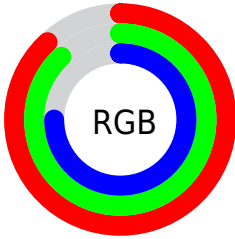
Format	Color
R_{YB}	192, 225, 192
Decimal	14803392
CIE _{Lab}	88.76, -5.49, 16.16
CIE _{LCh}	89, 17.064, 108.775
Yxy	73.6638, 0.3346, 0.3652
Android (android.graphics.Color)	4292993472 (0xFFE1E1C0)
YUV	221.2380, -14.4143, 3.2993
Hunter-Lab	85.8276, -9.8328, 18.2493

Details

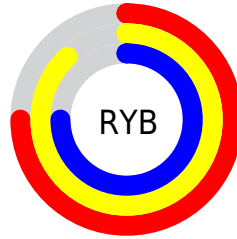
The Yxy color **73.6638, 0.3346, 0.3652** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.3675, 0.2892, 0.2900**, and the grayscale version is **72.5824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **39.1305, 0.3404, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **72.7424, 0.3498, 0.3904**, and if you desaturate by 10%, it is **74.7442, 0.3195, 0.3403**.

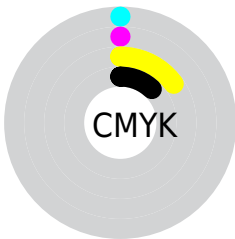
Distribution



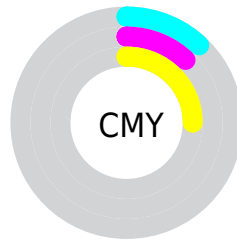
- Red (88%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)





- Cyan (12%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6638, 0.3346, 0.3652 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 73.6638, 0.3346, 0.3652 by changing the saturation by 10% instead.


 73.6638, 0.3346,
0.3652

 73.6638, 0.3346,
0.3652

473.3122, 0.3246,
0.3483

 54.5189, 0.3368,
0.3691


 124.4191, 0.3312,
0.3593

 39.0167, 0.3396,
0.3739


156.7983, 0.3298,
0.3570

 26.7727, 0.3431,
0.3800


194.3578, 0.3286,
0.3551

 17.4026, 0.3475,
0.3881

237.4818, 0.3276,
0.3534

 10.5219, 0.3535,
0.3991

286.5549, 0.3267,
0.3519

 5.7464, 0.3617,
0.4150

341.9614, 0.3259,

 2.6915, 0.3737,

0.3505

0.4397

404.0857, 0.3252,
0.3494

0.9729, 0.4475,
0.5525

0.0000, 0.0000,
0.0000

73.6638, 0.3346,
0.3652

73.6638, 0.3346,
0.3652

72.7424, 0.3498,
0.3904

74.7442, 0.3195,
0.3403

71.9634, 0.3647,
0.4151

75.9803, 0.3050,
0.3163

71.3225, 0.3788,
0.4383

77.0854, 0.2940,
0.2981

70.8117, 0.3913,
0.4591

77.0873, 0.2940,
0.2981

 70.4221, 0.4019,
0.4766

 77.0893, 0.2940,
0.2981

 70.1435, 0.4100,
0.4900


 77.0913, 0.2941,
0.2981

 69.9644, 0.4154,
0.4990

 77.0932, 0.2941,
0.2981

 69.8705, 0.4184,
0.5039

 77.0952, 0.2941,
0.2981

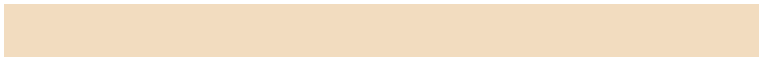
 69.8428, 0.4192,
0.5053

 77.0971, 0.2941,
0.2981

Harmonies

Analogous

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



73.6638, 0.3489, 0.3591



73.6638, 0.3346, 0.3652



73.6638, 0.3147, 0.3611

Triad

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



73.6638, 0.3346, 0.3652



73.6638, 0.2738, 0.3107



73.6638, 0.3302, 0.3115

Complementary

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



73.6638, 0.3346, 0.3652



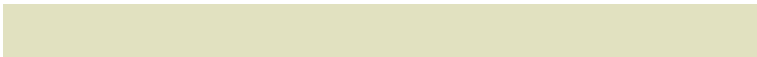
54.3675, 0.2892, 0.2900

Split Complementary

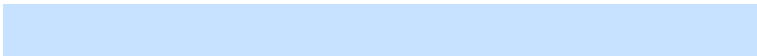
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6638, 0.3096, 0.2995



73.6638, 0.3346, 0.3652



73.6638, 0.2775, 0.2985

Square

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



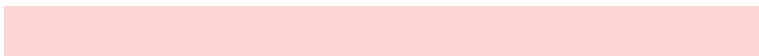
73.6638, 0.3346, 0.3652



73.6638, 0.2800, 0.3286



73.6638, 0.2904, 0.2947



73.6638, 0.3464, 0.3280

Rectangle

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



73.6638, 0.3346, 0.3652



73.6638, 0.3011, 0.3528



73.6638, 0.2904, 0.2947



73.6638, 0.3236, 0.3069

Sweetspot

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



73.6670, 0.3346, 0.3652



99.3593, 0.3186, 0.3388



57.5330, 0.3399, 0.3291



21.2420, 0.3197, 0.3406



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.



73.6670, 0.3346, 0.3652



97.3837, 0.3399, 0.3740



71.1472, 0.3226, 0.3666



16.0292, 0.3267, 0.3522



40.2442, 0.4192, 0.5053



2.7896, 0.4192, 0.5053

Inverse Universe

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



54.3675, 0.2892, 0.2900



66.4435, 0.2829, 0.2797



56.6393, 0.3016, 0.2915



13.2437, 0.2981, 0.3047



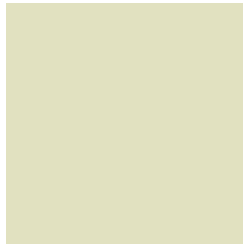
3.1332, 0.1500, 0.0600



0.2173, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 73.6638, 0.3346, 0.3652 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 73.6638, 0.3346, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

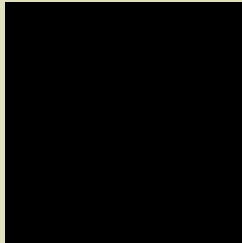
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

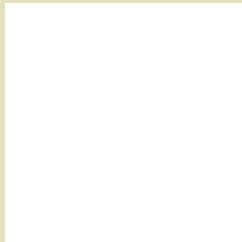
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6638, 0.3346, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 73.6638, 0.3346, 0.3652.



This preview shows how white text looks on a background with the Yxy color 73.6638, 0.3346, 0.3652.

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

73.6638, 0.3346, 0.3652

Protanopia

73.4966, 0.3425, 0.3625

Deuteranopia

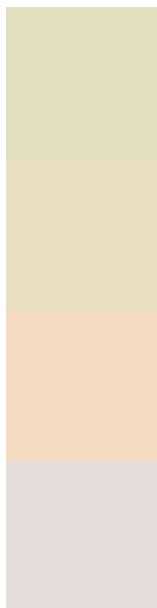
73.7559, 0.3579, 0.3506



Tritanopia

73.7081, 0.3100, 0.3112

Trichromacy



Original Color

73.6638, 0.3346, 0.3652

Protanomaly

73.5259, 0.3401, 0.3638

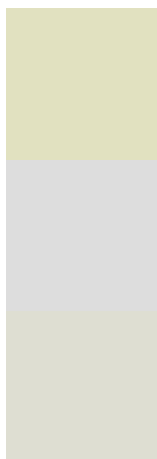
Deuteranomaly

73.7464, 0.3493, 0.3565

Tritanomaly

73.5382, 0.3191, 0.3301

Monochromacy



Original Color

73.6638, 0.3346, 0.3652

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4253, 0.3207, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6638, 0.3346, 0.3652 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(225, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 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(225, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 192) }
```

Border

The CSS property to change the border of an element to Yxy 73.6638, 0.3346, 0.3652 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(225, 225, 192) }
```

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

```
.border{ border-color:rgb(225, 225, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6638, 0.3346, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 192) }
```

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

```
.background{ background-color: rgb(225,  
225, 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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