

Converting Colors

$Yxy(73.3741, 0.3303, 0.3679)$

Have a look what the booklet for
Yxy(73.3741, 0.3303, 0.3679)
contains.

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Color

Yxy(73.2144, 0.3308, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	DBE2BF
RGB	219, 226, 191
RGB Percent	86%, 89%, 75%
CMY	0.1409, 0.1138, 0.2509
CMYK	0.03, 0.00, 0.15, 0.11
HSL	72°, 38%, 82%
HSV	72°, 15%, 89%
XYZ	65.8313, 73.2144, 59.9606
YIQ	219.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

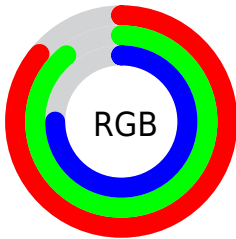
Format	Color
RYB	191, 226, 198
Decimal	14410431
CIELab	88.55, -8.26, 16.33
CIELCh	89, 18.296, 116.837
Yxy	73.2144, 0.3308, 0.3679
Android (android.graphics.Color)	4292600511 (0xFFD8E2BF)
YUV	219.9170, -14.2561, -0.8042
Hunter-Lab	85.5654, -12.4073, 18.3479

Details

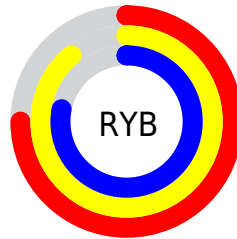
The Yxy color **73.2144, 0.3308, 0.3679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7545, 0.2928, 0.2882**, and the grayscale version is **71.6165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **38.8533, 0.3344, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **71.6143, 0.3425, 0.3943**, and if you desaturate by 10%, it is **74.9930, 0.3190, 0.3424**.

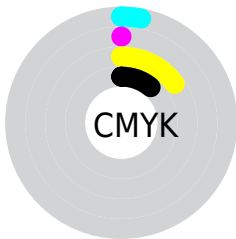
Distribution



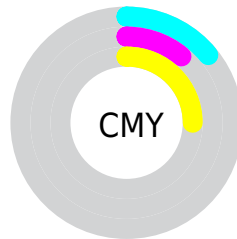
- Red (86%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (14%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2144, 0.3308, 0.3679 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 73.2144, 0.3308, 0.3679 by changing the saturation by 10% instead.

 73.2144, 0.3308,
0.3679

 73.2144, 0.3308,
0.3679

471.7575, 0.3226,
0.3496

 54.1513, 0.3326,
0.3721


 123.7815, 0.3280,
0.3615

 38.7226, 0.3349,
0.3774


156.0543, 0.3269,
0.3590

 26.5440, 0.3376,
0.3841

193.4992, 0.3259,
0.3569

 17.2311, 0.3412,
0.3930

236.5004, 0.3251,
0.3551

 10.3994, 0.3459,
0.4051

285.4425, 0.3244,
0.3535

 5.6645, 0.3523,
0.4229

340.7098, 0.3237,

 2.6422, 0.3612,

0.3520

0.4510

402.6867, 0.3231,
0.3508

0.9479, 0.4241,
0.5759

0.0000, 0.0000,
0.0000

73.2144, 0.3308,
0.3679

73.2144, 0.3308,
0.3679

71.6143, 0.3425,
0.3943

74.9930, 0.3190,
0.3424

70.1760, 0.3538,
0.4209


76.9471, 0.3076,
0.3183


68.8950, 0.3641,
0.4468

78.8385, 0.2989,
0.2995

67.7627, 0.3730,
0.4709


79.5974, 0.3019,
0.2998

 66.7701, 0.3798,
0.4921


 80.3755, 0.3049,
0.3001


 65.9067, 0.3842,
0.5094

 81.1728, 0.3079,
0.3003


 65.1603, 0.3859,
0.5222

 81.9895, 0.3109,
0.3006

 64.5162, 0.3852,
0.5303

 82.8258, 0.3139,
0.3009

 64.2471, 0.3843,
0.5330

 82.8638, 0.3140,
0.3009

Harmonies

Analogous

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



73.2144, 0.3483, 0.3640



73.2144, 0.3308, 0.3679



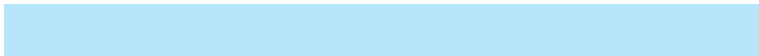
73.2144, 0.3089, 0.3605

Triad

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



73.2144, 0.3308, 0.3679



73.2144, 0.2710, 0.3050



73.2144, 0.3369, 0.3147

Complementary

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



73.2144, 0.3308, 0.3679



54.7545, 0.2928, 0.2882

Split Complementary

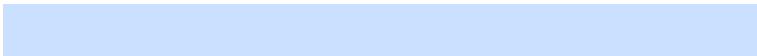
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2144, 0.3154, 0.3002



73.2144, 0.3308, 0.3679



73.2144, 0.2778, 0.2942

Square

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



73.2144, 0.3308, 0.3679



73.2144, 0.2748, 0.3230



73.2144, 0.2938, 0.2927



73.2144, 0.3521, 0.3329

Rectangle

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



73.2144, 0.3308, 0.3679



73.2144, 0.2947, 0.3500



73.2144, 0.2938, 0.2927



73.2144, 0.3302, 0.3092

Sweetspot

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



73.2176, 0.3308, 0.3679



98.7311, 0.3185, 0.3413



60.0550, 0.3406, 0.3363



21.0954, 0.3194, 0.3431



0.0000, 0.0000, 0.0000



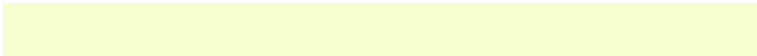
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2176, 0.3308, 0.3679



95.4921, 0.3351, 0.3775



70.7151, 0.3185, 0.3694



15.8856, 0.3237, 0.3524



36.7096, 0.3849, 0.5326



2.5798, 0.3905, 0.5281

Inverse Universe

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



54.7545, 0.2928, 0.2882



66.2458, 0.2875, 0.2776



57.1923, 0.3058, 0.2898



13.3730, 0.3011, 0.3050



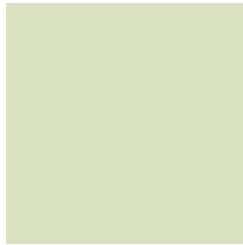
3.4859, 0.1599, 0.0654



0.2789, 0.1741, 0.0733

Previews

White Background



This preview shows how the Yxy color 73.2144, 0.3308, 0.3679 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 73.2144, 0.3308, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

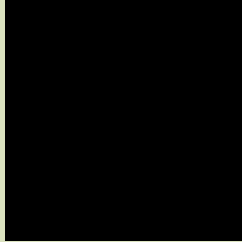
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

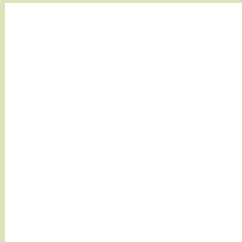
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2144, 0.3308, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 73.2144, 0.3308, 0.3679.



This preview shows how white text looks on a background with the Yxy color 73.2144, 0.3308, 0.3679.

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

73.2144, 0.3308, 0.3679

Protanopia

73.4091, 0.3439, 0.3647

Deuteranopia

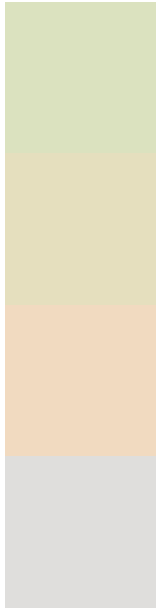
73.0142, 0.3581, 0.3507



Tritanopia

73.4696, 0.3058, 0.3110

Trichromacy



Original Color

73.2144, 0.3308, 0.3679

Protanomaly

73.1511, 0.3393, 0.3650

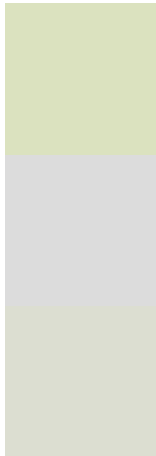
Deuteranomaly

72.6494, 0.3479, 0.3567

Tritanomaly

73.0978, 0.3147, 0.3312

Monochromacy



Original Color

73.2144, 0.3308, 0.3679

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0616, 0.3199, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2144, 0.3308, 0.3679 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(219, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(219, 226, 191)  
}
```

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(219, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.2144, 0.3308, 0.3679 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(219, 226, 191) }
```

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

```
.border{ border-color:rgb(219, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(219, 226,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2144, 0.3308, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 226, 191) }
```

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

```
.background{ background-color: rgb(219,  
226, 191) }
```

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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