

Converting Colors

$Y_{xy}(72.2283, 0.3402, 0.3793)$

Have a look what the booklet for
Yxy(72.2283, 0.3402, 0.3793)
contains.

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Color

Yxy(72.4773, 0.3404, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	DDE1B3
RGB	221, 225, 179
RGB Percent	87%, 88%, 70%
CMY	0.1335, 0.1176, 0.2980
CMYK	0.02, 0.00, 0.20, 0.12
HSL	65°, 43%, 79%
HSV	65°, 20%, 88%
XYZ	64.8732, 72.4773, 53.2288
YIQ	218.5600, 12.3820, -15.1540

Conversions

Conversions Part 2

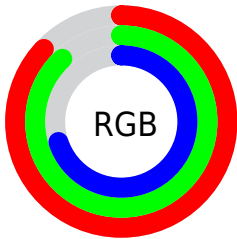
Format	Color
RYB	179, 225, 183
Decimal	14541235
CIELab	88.20, -8.90, 22.10
CIELCh	88, 23.823, 111.935
Yxy	72.4773, 0.3404, 0.3803
Android (android.graphics.Color)	4292731315 (0xFFDDE1B3)
YUV	218.5600, -19.5031, 2.1399
Hunter-Lab	85.1336, -12.9639, 22.5231

Details

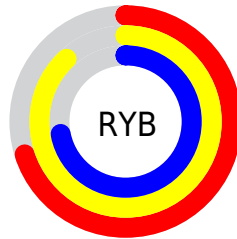
The Yxy color **72.4773, 0.3404, 0.3803** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7630, 0.2817, 0.2731**, and the grayscale version is **70.6479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **38.3628, 0.3470, 0.3931** is the 20% darker color. If you saturate the color by 10%, you get **71.3334, 0.3539, 0.4060**, and if you desaturate by 10%, it is **73.7799, 0.3267, 0.3548**.

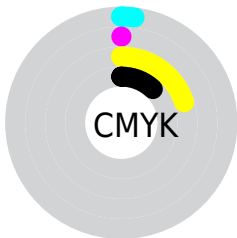
Distribution



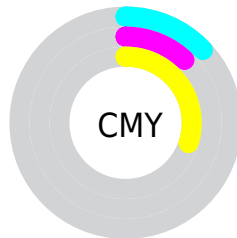
- Red (87%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4773, 0.3404, 0.3803 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 72.4773, 0.3404, 0.3803 by changing the saturation by 10% instead.


 72.4773, 0.3404,
0.3803

 72.4773, 0.3404,
0.3803


469.2012, 0.3278,
0.3562

 53.5487, 0.3432,
0.3859


 122.7349, 0.3361,
0.3719

 38.2409, 0.3466,
0.3928


154.8326, 0.3344,
0.3686

 26.1698, 0.3508,
0.4016


192.0889, 0.3330,
0.3658

 16.9507, 0.3561,
0.4132

234.8880, 0.3317,
0.3634

 10.1993, 0.3630,
0.4291

283.6144, 0.3306,
0.3612

 5.5313, 0.3721,
0.4519

338.6525, 0.3295,

 2.5623, 0.3862,

0.3593

0.4898

400.3866, 0.3287,
0.3577

■ 0.9077, 0.4155,
0.5845

■ 0.0000, 0.0000,
0.0000

■ 72.4773, 0.3404,
0.3803

■ 72.4773, 0.3404,
0.3803

■ 71.3334, 0.3539,
0.4060

■ 73.7799, 0.3267,
0.3548

■ 70.3312, 0.3668,
0.4311

■ 75.2383, 0.3133,
0.3301

■ 69.4664, 0.3785,
0.4544

■ 76.8620, 0.3004,
0.3067

■ 68.7302, 0.3883,
0.4751

■ 77.7201, 0.2966,
0.2983

■ 68.1131, 0.3960,
0.4921

■ 78.0482, 0.2979,
0.2985

■ 67.6043, 0.4010,
0.5049

■ 78.3801, 0.2992,
0.2986

■ 67.1907, 0.4034,
0.5132

■ 78.7157, 0.3005,
0.2987

■ 66.8629, 0.4038,
0.5176

■ 79.0550, 0.3018,
0.2988

■ 79.3982, 0.3031,
0.2989

Harmonies

Analogous

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



72.4773, 0.3619, 0.3724



72.4773, 0.3404, 0.3803



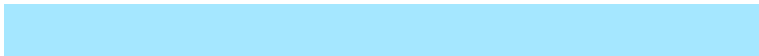
72.4773, 0.3121, 0.3732

Triad

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



72.4773, 0.3404, 0.3803



72.4773, 0.2586, 0.3006



72.4773, 0.3401, 0.3068

Complementary

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



72.4773, 0.3404, 0.3803



47.7630, 0.2817, 0.2731

Split Complementary

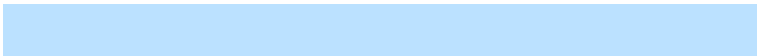
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4773, 0.3112, 0.2896



72.4773, 0.3404, 0.3803



72.4773, 0.2651, 0.2852

Square

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



72.4773, 0.3404, 0.3803



72.4773, 0.2656, 0.3251



72.4773, 0.2840, 0.2817



72.4773, 0.3620, 0.3297

Rectangle

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



72.4773, 0.3404, 0.3803



72.4773, 0.2934, 0.3605



72.4773, 0.2840, 0.2817



72.4773, 0.3308, 0.3003

Sweetspot

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



72.4805, 0.3404, 0.3803



98.7985, 0.3208, 0.3438



53.0728, 0.3526, 0.3335



21.1200, 0.3217, 0.3454



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.



72.4805, 0.3404, 0.3803



95.5020, 0.3468, 0.3925



69.1457, 0.3236, 0.3831



15.9649, 0.3254, 0.3523



38.5495, 0.4040, 0.5174



2.6903, 0.4065, 0.5154

Inverse Universe

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



47.7630, 0.2817, 0.2731



56.4437, 0.2733, 0.2583



50.7867, 0.2995, 0.2759



13.3008, 0.2994, 0.3048



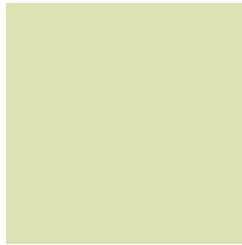
3.2386, 0.1530, 0.0617



0.2447, 0.1611, 0.0661

Previews

White Background



This preview shows how the Yxy color 72.4773, 0.3404, 0.3803 looks on a white background.

Color Contrast Check

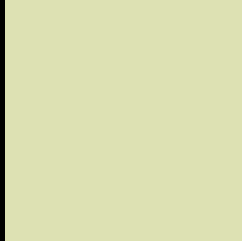
Large Text (above 18pt) WCAG AA × Fail

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 72.4773, 0.3404, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

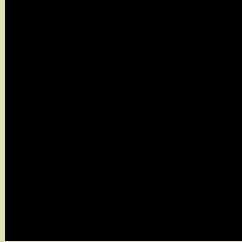
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

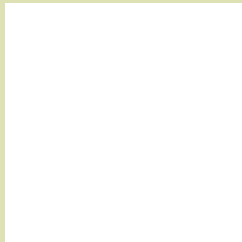
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4773, 0.3404, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 72.4773, 0.3404, 0.3803.



This preview shows how white text looks on a background with the Yxy color 72.4773, 0.3404, 0.3803.

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

72.4773, 0.3404, 0.3803

Protanopia

72.5494, 0.3533, 0.3767

Deuteranopia

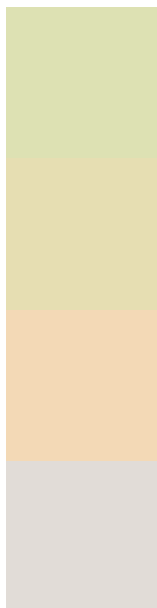
72.2674, 0.3666, 0.3600



Tritanopia

72.1178, 0.3086, 0.3100

Trichromacy



Original Color

72.4773, 0.3404, 0.3803

Protanomaly

72.2799, 0.3486, 0.3772

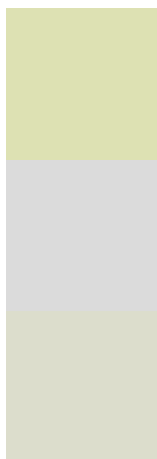
Deuteranomaly

72.0578, 0.3569, 0.3663

Tritanomaly

72.1002, 0.3196, 0.3344

Monochromacy



Original Color

72.4773, 0.3404, 0.3803

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2882, 0.3233, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4773, 0.3404, 0.3803 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(221, 225, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 179)  
}
```

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(221, 225, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 179) }
```

Border

The CSS property to change the border of an element to Yxy 72.4773, 0.3404, 0.3803 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(221, 225, 179) }
```

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

```
.border{ border-color:rgb(221, 225, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
179) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.4773, 0.3404, 0.3803$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 179) }
```

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

```
.background{ background-color: rgb(221,  
225, 179) }
```

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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