

Converting Colors

$Yxy(74.1641, 0.3577, 0.4043)$

Have a look what the booklet for
Yxy(74.1641, 0.3577, 0.4043)
contains.

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Color

Yxy(74.3209, 0.3576, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	E3E49F
RGB	227, 228, 159
RGB Percent	89%, 89%, 62%
CMY	0.1097, 0.1059, 0.3765
CMYK	0.00, 0.00, 0.30, 0.11
HSL	61°, 56%, 76%
HSV	61°, 30%, 89%
XYZ	65.6875, 74.3209, 43.6814
YIQ	219.8350, 21.5530, -21.6710

Conversions

Conversions Part 2

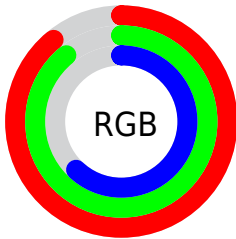
Format	Color
RYB	159, 228, 160
Decimal	14935199
CIELab	89.07, -10.84, 33.66
CIELCh	89, 35.359, 107.855
Yxy	74.3209, 0.3576, 0.4046
Android (android.graphics.Color)	4293125279 (0xFFE3E49F)
YUV	219.8350, -29.9917, 6.2837
Hunter-Lab	86.2096, -14.8585, 30.3051

Details

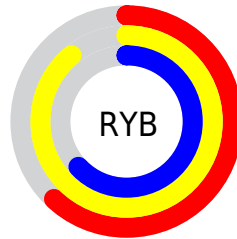
The Yxy color **74.3209, 0.3576, 0.4046** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8655, 0.2599, 0.2407**, and the grayscale version is **71.6557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **39.6066, 0.3669, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **73.5527, 0.3719, 0.4288**, and if you desaturate by 10%, it is **75.2419, 0.3427, 0.3795**.

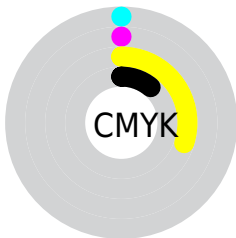
Distribution



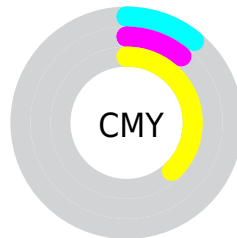
- Red (89%)
- Green (89%)
- Blue (62%)



- Red (62%)
- Yellow (89%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3209, 0.3576, 0.4046 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 74.3209, 0.3576, 0.4046 by changing the saturation by 10% instead.

 74.3209, 0.3576,
0.4046


 74.3209, 0.3576,
0.4046


475.5802, 0.3376,
0.3693

 55.0567, 0.3619,
0.4126


 125.3506, 0.3509,
0.3924

 39.4471, 0.3670,
0.4225


 157.8849, 0.3482,
0.3876

 27.1078, 0.3732,
0.4349


195.6114, 0.3459,
0.3835

 17.6542, 0.3807,
0.4509

238.9144, 0.3438,
0.3799

 10.7020, 0.3898,
0.4719

288.1785, 0.3420,
0.3768

 5.8668, 0.4003,
0.5004

343.7878, 0.3404,

 2.7643, 0.4319,

0.3740

0.5681

406.1269, 0.3389,
0.3715

■ 1.0099, 0.4059,
0.5941

■ 0.0000, 0.0000,
0.0000

■ 74.3209, 0.3576,
0.4046

■ 74.3209, 0.3576,
0.4046

■ 73.5527, 0.3719,
0.4288

■ 75.2419, 0.3427,
0.3795

■ 72.9192, 0.3849,
0.4510


■ 76.3130, 0.3277,
0.3542

■ 72.4149, 0.3962,
0.4703


■ 77.5446, 0.3131,
0.3296


■ 72.0300, 0.4051,
0.4858


■ 78.9431, 0.2991,
0.3062


 71.7533, 0.4115,
0.4970


 79.3009, 0.2964,
0.3014


 71.5713, 0.4153,
0.5039

 79.3531, 0.2966,
0.3014

 71.4629, 0.4169,
0.5072

 79.4055, 0.2968,
0.3015

 79.4579, 0.2970,
0.3015

 79.5104, 0.2972,
0.3015

Harmonies

Analogous

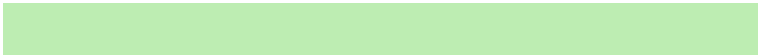
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3209, 0.3876, 0.3884



74.3209, 0.3576, 0.4046



74.3209, 0.3167, 0.3985

Triad

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



74.3209, 0.3576, 0.4046



74.3209, 0.2350, 0.2905



74.3209, 0.3472, 0.2929

Complementary

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



74.3209, 0.3576, 0.4046



37.8655, 0.2599, 0.2407

Split Complementary

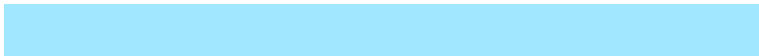
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3209, 0.3041, 0.2702



74.3209, 0.3576, 0.4046



74.3209, 0.2416, 0.2672

Square

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



74.3209, 0.3576, 0.4046



74.3209, 0.2472, 0.3279



74.3209, 0.2660, 0.2607



74.3209, 0.3822, 0.3243

Rectangle

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



74.3209, 0.3576, 0.4046



74.3209, 0.2891, 0.3810



74.3209, 0.2660, 0.2607



74.3209, 0.3330, 0.2842

Sweetspot

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



74.3242, 0.3576, 0.4046



98.5484, 0.3259, 0.3512



43.7914, 0.3808, 0.3292



21.0466, 0.3281, 0.3549



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.



74.3242, 0.3576, 0.4046



95.1895, 0.3662, 0.4192



69.3906, 0.3326, 0.4112



16.8064, 0.3265, 0.3522



41.2715, 0.4169, 0.5072



3.0531, 0.4173, 0.5069

Inverse Universe

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



37.8655, 0.2599, 0.2407



41.4292, 0.2476, 0.2202



41.7990, 0.2867, 0.2470



13.8967, 0.2982, 0.3047



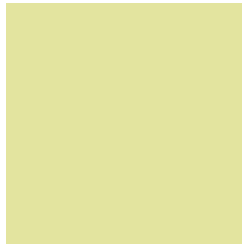
3.2505, 0.1505, 0.0603



0.2436, 0.1517, 0.0609

Previews

White Background



This preview shows how the Yxy color 74.3209, 0.3576, 0.4046 looks on a white background.

Color Contrast Check

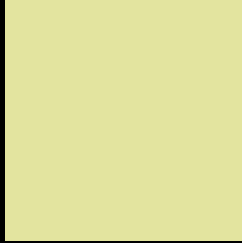
Large Text (above 18pt) WCAG AA × Fail

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 74.3209, 0.3576, 0.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

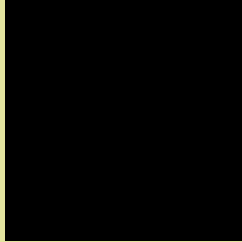
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3209, 0.3576, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 74.3209, 0.3576, 0.4046.



This preview shows how white text looks on a background with the Yxy color 74.3209, 0.3576, 0.4046.

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

74.3209, 0.3576, 0.4046

Protanopia

73.9104, 0.3712, 0.3991

Deuteranopia

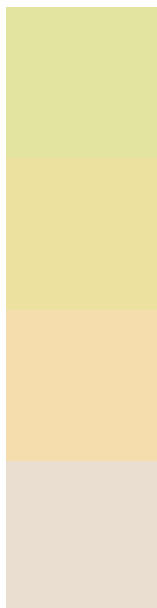
74.2219, 0.3669, 0.3661



Tritanopia

73.9738, 0.3143, 0.3114

Trichromacy



Original Color

74.3209, 0.3576, 0.4046

Protanomaly

74.1519, 0.3660, 0.4010

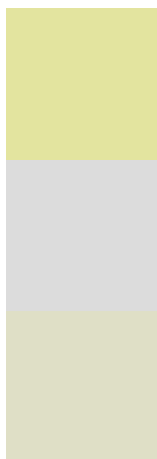
Deuteranomaly

74.1425, 0.3638, 0.3796

Tritanomaly

74.0712, 0.3307, 0.3451

Monochromacy



Original Color

74.3209, 0.3576, 0.4046

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.5405, 0.3294, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3209, 0.3576, 0.4046 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(227, 228, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 159)  
}
```

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(227, 228, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 159) }
```

Border

The CSS property to change the border of an element to Yxy 74.3209, 0.3576, 0.4046 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(227, 228, 159) }
```

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

```
.border{ border-color:rgb(227, 228, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 228, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 228, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 228, 159); box-shadow:4px 4px 4px 4px rgb(227, 228, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3209, 0.3576, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 159) }
```

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

```
.background{ background-color: rgb(227,  
228, 159) }
```

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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