

Converting Colors

$Yxy(75.8731, 0.3282, 0.3566)$

Have a look what the booklet for
Yxy(75.8731, 0.3282, 0.3566)
contains.

Yxy(75.9198, 0.3283, 0.3572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.9198, 0.3283, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	E2E4CA
RGB	226, 228, 202
RGB Percent	89%, 89%, 79%
CMY	0.1135, 0.1059, 0.2079
CMYK	0.01, 0.00, 0.11, 0.11
HSL	64°, 32%, 84%
HSV	64°, 11%, 89%
XYZ	69.7774, 75.9198, 66.8443
YIQ	224.4380, 7.1540, -8.5100

Conversions

Conversions Part 2

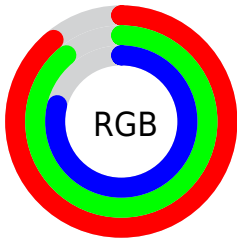
Format	Color
R _Y B	202, 228, 204
Decimal	14869706
CIE Lab	89.82, -5.08, 12.47
CIE LCh	90, 13.465, 112.144
Yxy	75.9198, 0.3283, 0.3572
Android (android.graphics.Color)	4293059786 (0xFFE2E4CA)
YUV	224.4380, -11.0619, 1.3699
Hunter-Lab	87.1320, -9.5339, 15.5074

Details

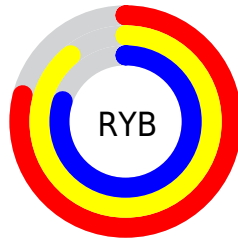
The Yxy color **75.9198, 0.3283, 0.3572** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.6640, 0.2962, 0.2994**, and the grayscale version is **74.9535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6832, 0.3320, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **74.6471, 0.3422, 0.3828**, and if you desaturate by 10%, it is **77.3614, 0.3146, 0.3324**.

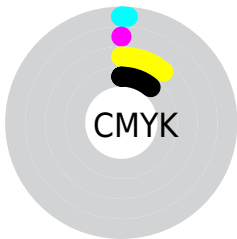
Distribution



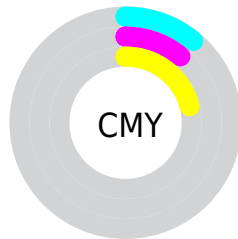
- Red (89%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9198, 0.3283, 0.3572 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 75.9198, 0.3283, 0.3572 by changing the saturation by 10% instead.

■ 75.9198, 0.3283,
0.3572

■ 75.9198, 0.3283,
0.3572

481.0731, 0.3212,
0.3441

■ 56.3667, 0.3299,
0.3602

127.6135, 0.3259,
0.3527

■ 40.4970, 0.3318,
0.3639

160.5230, 0.3249,
0.3509

■ 27.9263, 0.3343,
0.3686

198.6534, 0.3241,
0.3494

■ 18.2701, 0.3374,
0.3748

242.3891, 0.3234,
0.3480

■ 11.1441, 0.3417,
0.3832

292.1146, 0.3227,
0.3469

■ 6.1638, 0.3475,
0.3954

348.2141, 0.3222,

■ 2.9450, 0.3563,

0.3459

0.4144

411.0722, 0.3217,
0.3449

■ 1.1031, 0.3918,
0.4741

■ 0.0000, 0.0000,
0.0000

■ 75.9198, 0.3283,
0.3572

■ 75.9198, 0.3283,
0.3572

■ 74.6471, 0.3422,
0.3828

■ 77.3614, 0.3146,
0.3324

■ 73.5265, 0.3560,
0.4083


■ 78.9685, 0.3015,
0.3088

■ 72.5536, 0.3690,
0.4331

■ 79.7198, 0.2981,
0.3016

■ 71.7205, 0.3808,
0.4560


■ 80.0054, 0.2992,
0.3016


 71.0182, 0.3907,
0.4761

 80.2938, 0.3003,
0.3017

 70.4366, 0.3983,
0.4925


 80.5850, 0.3014,
0.3018

 69.9645, 0.4033,
0.5045

 80.8790, 0.3026,
0.3019

 69.5879, 0.4057,
0.5121

 81.1758, 0.3037,
0.3020

 69.3214, 0.4061,
0.5157

 81.4754, 0.3048,
0.3021

Harmonies

Analogous

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



75.9198, 0.3400, 0.3535



75.9198, 0.3283, 0.3572



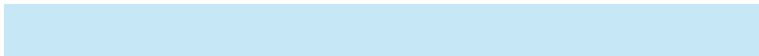
75.9198, 0.3126, 0.3530

Triad

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



75.9198, 0.3283, 0.3572



75.9198, 0.2820, 0.3135



75.9198, 0.3281, 0.3166

Complementary

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



75.9198, 0.3283, 0.3572



60.6640, 0.2962, 0.2994

Split Complementary

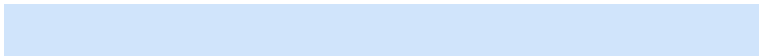
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9198, 0.3122, 0.3066



75.9198, 0.3283, 0.3572



75.9198, 0.2859, 0.3045

Square

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



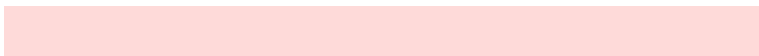
75.9198, 0.3283, 0.3572



75.9198, 0.2861, 0.3271



75.9198, 0.2968, 0.3021



75.9198, 0.3400, 0.3299

Rectangle

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



75.9198, 0.3283, 0.3572



75.9198, 0.3020, 0.3461



75.9198, 0.2968, 0.3021



75.9198, 0.3230, 0.3128

Sweetspot

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



75.9231, 0.3283, 0.3572



99.4086, 0.3168, 0.3363



63.8097, 0.3329, 0.3310



21.2444, 0.3179, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

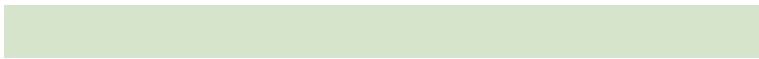
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9231, 0.3283, 0.3572



97.4070, 0.3320, 0.3640



73.9313, 0.3192, 0.3580



16.7594, 0.3256, 0.3523



40.0544, 0.4063, 0.5156



2.9763, 0.4083, 0.5140

Inverse Universe

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



60.6640, 0.2962, 0.2994



73.5649, 0.2919, 0.2918



62.5455, 0.3056, 0.3003



13.9384, 0.2992, 0.3048



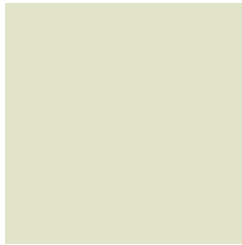
3.3228, 0.1524, 0.0613



0.2637, 0.1590, 0.0650

Previews

White Background



This preview shows how the Yxy color 75.9198, 0.3283, 0.3572 looks on a white background.

Color Contrast Check

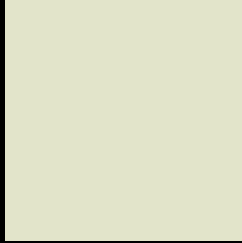
Large Text (above 18pt) WCAG AA × Fail

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 75.9198, 0.3283, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

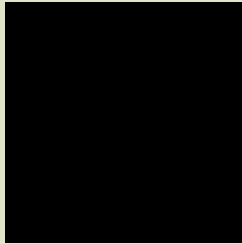
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

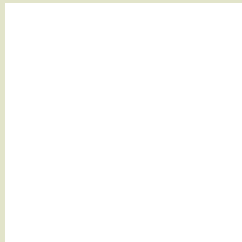
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9198, 0.3283, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 75.9198, 0.3283, 0.3572.



This preview shows how white text looks on a background with the Yxy color 75.9198, 0.3283, 0.3572.

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

75.9198, 0.3283, 0.3572

Protanopia

75.8534, 0.3373, 0.3556

Deuteranopia

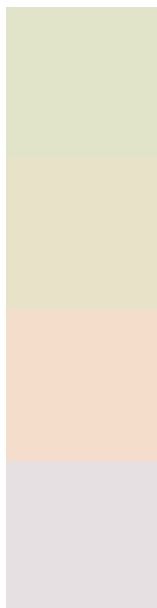
75.7624, 0.3499, 0.3434



Tritanopia

75.6896, 0.3080, 0.3103

Trichromacy



Original Color

75.9198, 0.3283, 0.3572

Protanomaly

75.7656, 0.3335, 0.3558

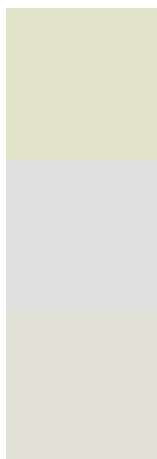
Deuteranomaly

75.7874, 0.3416, 0.3489

Tritanomaly

75.6253, 0.3156, 0.3269

Monochromacy



Original Color

75.9198, 0.3283, 0.3572

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8158, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9198, 0.3283, 0.3572 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, 228, 202)` looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 202)  
}
```

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, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.9198, 0.3283, 0.3572 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, 228, 202) }
```

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

```
.border{ border-color:rgb(226, 228, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9198, 0.3283, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 202) }
```

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

```
.background{ background-color: rgb(226,  
228, 202) }
```

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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