

Converting Colors

$Yxy(75.0448, 0.3288, 0.3555)$

Have a look what the booklet for
Yxy(75.0448, 0.3288, 0.3555)
contains.

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Color

Yxy(74.8257, 0.3285, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2CA
RGB	226, 226, 202
RGB Percent	89%, 89%, 79%
CMY	0.1137, 0.1137, 0.2078
CMYK	0.00, 0.00, 0.11, 0.11
HSL	60°, 29%, 84%
HSV	60°, 11%, 89%
XYZ	69.2206, 74.8257, 66.6709
YIQ	223.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

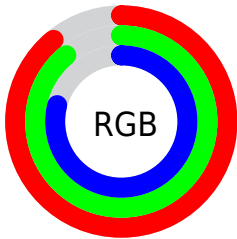
Format	Color
R_{YB}	202, 226, 202
Decimal	14869194
CIE _{Lab}	89.31, -4.08, 11.74
CIE _{LCh}	89, 12.426, 109.152
Yxy	74.8257, 0.3285, 0.3551
Android (android.graphics.Color)	4293059274 (0xFFE2E2CA)
YUV	223.2640, -10.4832, 2.3995
Hunter-Lab	86.5018, -8.5387, 14.8538

Details

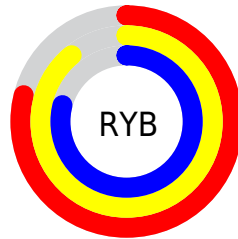
The Yxy color **74.8257, 0.3285, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2902, 0.2961, 0.3015**, and the grayscale version is **74.0629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9219, 0.3324, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **73.8346, 0.3437, 0.3803**, and if you desaturate by 10%, it is **75.9802, 0.3136, 0.3305**.

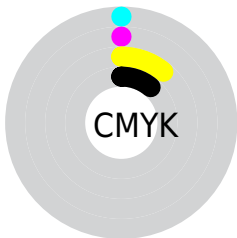
Distribution



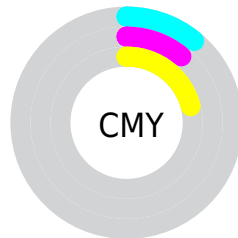
- Red (89%)
- Green (89%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8257, 0.3285, 0.3551 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 74.8257, 0.3285, 0.3551 by changing the saturation by 10% instead.

■ 74.8257, 0.3285,
0.3551

■ 74.8257, 0.3285,
0.3551

477.3183, 0.3213,
0.3430

■ 55.4701, 0.3301,
0.3579

126.0656, 0.3260,
0.3509

■ 39.7782, 0.3321,
0.3613

158.7187, 0.3250,
0.3492

■ 27.3657, 0.3346,
0.3657

196.5731, 0.3242,
0.3478

■ 17.8480, 0.3379,
0.3714

240.0132, 0.3235,
0.3466

■ 10.8409, 0.3423,
0.3793

289.4233, 0.3228,
0.3455

■ 5.9600, 0.3485,
0.3906

345.1880, 0.3222,

■ 2.8208, 0.3578,

0.3446

0.4084

407.6915, 0.3217,
0.3437

1.0389, 0.3965,
0.4677

0.0000, 0.0000,
0.0000

74.8257, 0.3285,
0.3551

74.8257, 0.3285,
0.3551

73.8346, 0.3437,
0.3803

75.9802, 0.3136,
0.3305

72.9902, 0.3588,
0.4053


77.2945, 0.2994,
0.3070

72.2885, 0.3733,
0.4292

77.7876, 0.2947,
0.2992

71.7217, 0.3865,
0.4511

77.7886, 0.2947,
0.2992


 71.2810, 0.3980,
0.4700


 77.7896, 0.2947,
0.2992

 70.9569, 0.4071,
0.4851


 77.7905, 0.2947,
0.2992


 70.7382, 0.4136,
0.4959

 77.7915, 0.2947,
0.2992

 70.6117, 0.4175,
0.5024

 77.7925, 0.2947,
0.2992

 70.5559, 0.4193,
0.5053

 77.7935, 0.2947,
0.2992

Harmonies

Analogous

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



74.8257, 0.3388, 0.3510



74.8257, 0.3285, 0.3551



74.8257, 0.3141, 0.3519

Triad

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



74.8257, 0.3285, 0.3551



74.8257, 0.2843, 0.3157



74.8257, 0.3256, 0.3164

Complementary

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



74.8257, 0.3285, 0.3551



60.2902, 0.2961, 0.3015

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.



74.8257, 0.3108, 0.3075



74.8257, 0.3285, 0.3551



74.8257, 0.2871, 0.3068

Square

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



74.8257, 0.3285, 0.3551



74.8257, 0.2888, 0.3287



74.8257, 0.2967, 0.3039



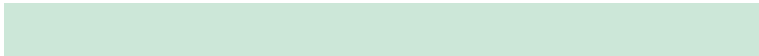
74.8257, 0.3372, 0.3286

Rectangle

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



74.8257, 0.3285, 0.3551



74.8257, 0.3042, 0.3460



74.8257, 0.2967, 0.3039



74.8257, 0.3208, 0.3129

Sweetspot

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



74.8290, 0.3285, 0.3551



99.5166, 0.3171, 0.3363



62.6754, 0.3315, 0.3291



21.2737, 0.3183, 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.



74.8290, 0.3285, 0.3551



98.0442, 0.3322, 0.3613



72.9569, 0.3199, 0.3558



16.0294, 0.3267, 0.3522



40.2499, 0.4193, 0.5053



2.7900, 0.4193, 0.5053

Inverse Universe

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



60.2902, 0.2961, 0.3015



74.8902, 0.2919, 0.2945



62.0293, 0.3049, 0.3022



13.2435, 0.2981, 0.3047



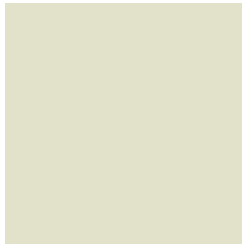
3.1329, 0.1500, 0.0600



0.2172, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 74.8257, 0.3285, 0.3551 looks on a white background.

Color Contrast Check

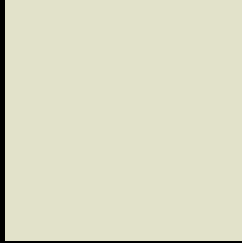
Large Text (above 18pt) WCAG AA × Fail

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 74.8257, 0.3285, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

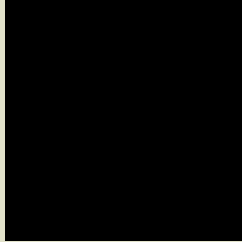
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

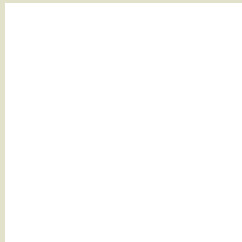
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8257, 0.3285, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 74.8257, 0.3285, 0.3551.



This preview shows how white text looks on a background with the Yxy color 74.8257, 0.3285, 0.3551.

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

74.8257, 0.3285, 0.3551

Protanopia

75.0208, 0.3353, 0.3536

Deuteranopia

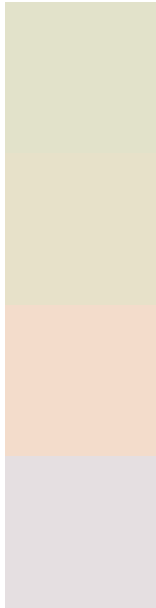
74.3540, 0.3488, 0.3414



Tritanopia

74.8749, 0.3086, 0.3113

Trichromacy



Original Color

74.8257, 0.3285, 0.3551

Protanomaly

75.0564, 0.3329, 0.3549

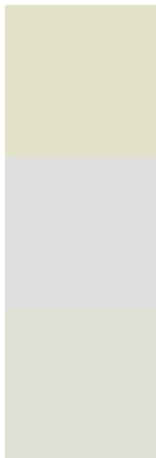
Deuteranomaly

74.5529, 0.3412, 0.3469

Tritanomaly

74.8696, 0.3156, 0.3269

Monochromacy



Original Color

74.8257, 0.3285, 0.3551

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0649, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8257, 0.3285, 0.3551 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, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 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, 226, 202) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 74.8257, 0.3285, 0.3551 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, 226, 202) }
```

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

```
.border{ border-color:rgb(226, 226, 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, 226, 202)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 74.8257, 0.3285, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(226,  
226, 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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