

Converting Colors

$Y_{xy}(75.0645, 0.3269, 0.3519)$

Have a look what the booklet for
Yxy(75.0645, 0.3269, 0.3519)
contains.

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Color

Yxy(74.9692, 0.3265, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2CD
RGB	226, 226, 205
RGB Percent	89%, 89%, 80%
CMY	0.1137, 0.1137, 0.1961
CMYK	0.00, 0.00, 0.09, 0.11
HSL	60°, 27%, 85%
HSV	60°, 9%, 89%
XYZ	69.5777, 74.9692, 68.5548
YIQ	223.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

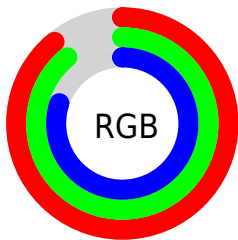
Format	Color
RYP	205, 226, 205
Decimal	14869197
CIELab	89.38, -3.59, 10.27
CIELCh	89, 10.880, 109.290
Yxy	74.9692, 0.3265, 0.3518
Android (android.graphics.Color)	4293059277 (0xFFE2E2CD)
YUV	223.6060, -9.1728, 2.0995
Hunter-Lab	86.5848, -8.0844, 13.6655

Details

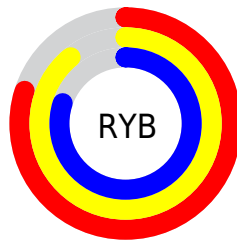
The Yxy color **74.9692, 0.3265, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1299, 0.2983, 0.3051**, and the grayscale version is **74.3096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0181, 0.3298, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **73.9566, 0.3417, 0.3769**, and if you desaturate by 10%, it is **76.1460, 0.3117, 0.3273**.

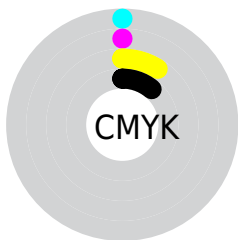
Distribution



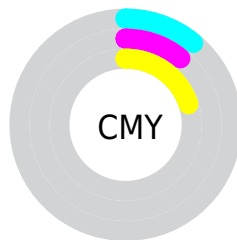
- Red (89%)
- Green (89%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9692, 0.3265, 0.3518 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 74.9692, 0.3265, 0.3518 by changing the saturation by 10% instead.

■ 74.9692, 0.3265,
0.3518

■ 74.9692, 0.3265,
0.3518

477.8117, 0.3202,
0.3412

■ 55.5877, 0.3279,
0.3542

126.2688, 0.3243,
0.3481

■ 39.8724, 0.3297,
0.3572

158.9556, 0.3235,
0.3467

■ 27.4391, 0.3319,
0.3610

196.8463, 0.3227,
0.3455

■ 17.9033, 0.3347,
0.3660

240.3252, 0.3221,
0.3444

■ 10.8806, 0.3386,
0.3728

289.7769, 0.3215,
0.3435

■ 5.9866, 0.3441,
0.3827

345.5855, 0.3210,

■ 2.8369, 0.3524,

0.3426

0.3982

408.1357, 0.3206,
0.3419

1.0472, 0.3815,
0.4437

0.0000, 0.0000,
0.0000

74.9692, 0.3265,
0.3518

74.9692, 0.3265,
0.3518

73.9566, 0.3417,
0.3769

76.1460, 0.3117,
0.3273

73.0917, 0.3568,
0.4020

77.4834, 0.2976,
0.3040


72.3706, 0.3714,
0.4261

77.7912, 0.2947,
0.2992

71.7853, 0.3848,
0.4484


77.7932, 0.2947,
0.2992


 71.3274, 0.3965,
0.4677


 77.7953, 0.2947,
0.2992

 70.9874, 0.4060,
0.4834


 77.7973, 0.2947,
0.2992


 70.7543, 0.4129,
0.4948

 77.7993, 0.2947,
0.2992

 70.6155, 0.4171,
0.5018

 77.8014, 0.2947,
0.2992

 70.5502, 0.4191,
0.5051

 77.8034, 0.2948,
0.2992

Harmonies

Analogous

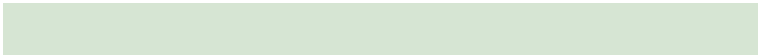
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9692, 0.3355, 0.3483



74.9692, 0.3265, 0.3518



74.9692, 0.3139, 0.3489

Triad

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



74.9692, 0.3265, 0.3518



74.9692, 0.2878, 0.3174



74.9692, 0.3241, 0.3180

Complementary

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



74.9692, 0.3265, 0.3518



62.1299, 0.2983, 0.3051

Split Complementary

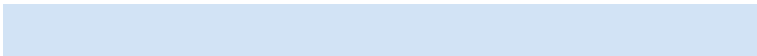
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9692, 0.3111, 0.3101



74.9692, 0.3265, 0.3518



74.9692, 0.2903, 0.3096

Square

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



74.9692, 0.3265, 0.3518



74.9692, 0.2917, 0.3287



74.9692, 0.2988, 0.3070



74.9692, 0.3341, 0.3287

Rectangle

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



74.9692, 0.3265, 0.3518



74.9692, 0.3052, 0.3437



74.9692, 0.2988, 0.3070



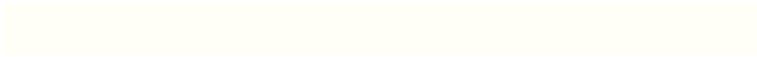
74.9692, 0.3199, 0.3149

Sweetspot

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



74.9725, 0.3265, 0.3518



99.5162, 0.3171, 0.3363



64.2362, 0.3289, 0.3290



21.2736, 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.



74.9725, 0.3265, 0.3518



98.3203, 0.3292, 0.3562



73.3272, 0.3190, 0.3523



16.0292, 0.3267, 0.3522



40.2439, 0.4192, 0.5053



2.7896, 0.4192, 0.5053

Inverse Universe

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



62.1299, 0.2983, 0.3051



78.4561, 0.2953, 0.3002



63.6731, 0.3060, 0.3057



13.2437, 0.2981, 0.3047



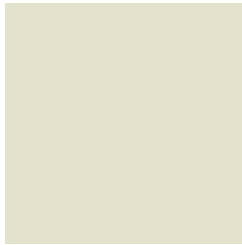
3.1332, 0.1500, 0.0600



0.2173, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 74.9692, 0.3265, 0.3518 looks on a white background.

Color Contrast Check

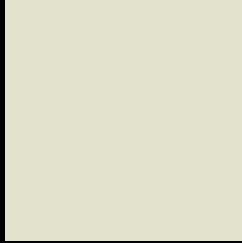
Large Text (above 18pt) WCAG AA × Fail

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 74.9692, 0.3265, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

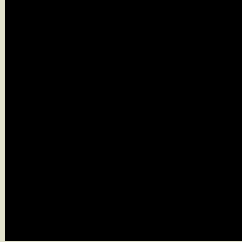
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

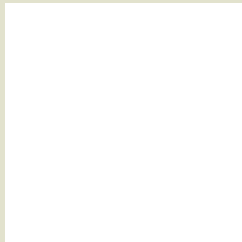
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9692, 0.3265, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 74.9692, 0.3265, 0.3518.

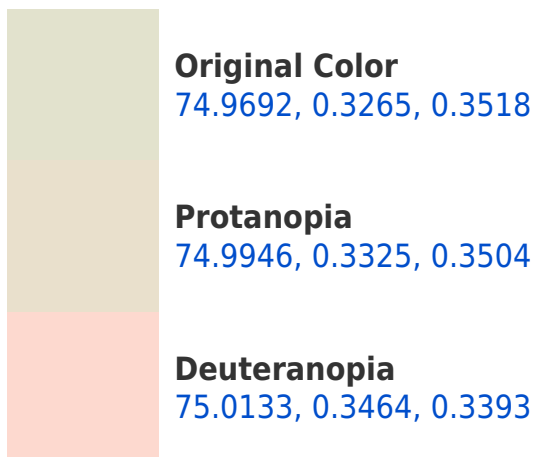


This preview shows how white text looks on a background with the Yxy color 74.9692, 0.3265, 0.3518.

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

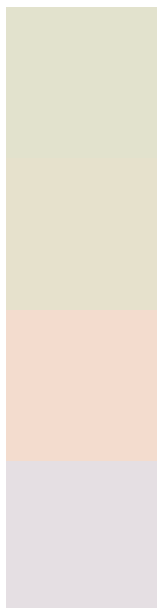




Tritanopia

74.9338, 0.3080, 0.3102

Trichromacy



Original Color

74.9692, 0.3265, 0.3518

Protanomaly

75.0331, 0.3302, 0.3516

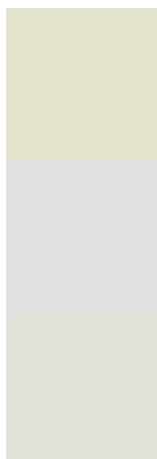
Deuteranomaly

74.6973, 0.3391, 0.3437

Tritanomaly

74.9794, 0.3143, 0.3248

Monochromacy



Original Color

74.9692, 0.3265, 0.3518

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8677, 0.3179, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9692, 0.3265, 0.3518 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 205) }
```

Border

The CSS property to change the border of an element to Yxy 74.9692, 0.3265, 0.3518 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, 205) }
```

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

```
.border{ border-color:rgb(226, 226, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9692, 0.3265, 0.3518 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, 205) }
```

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

```
.background{ background-color: rgb(226,  
226, 205) }
```

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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