

Converting Colors

$Yxy(75.6053, 0.3208, 0.3424)$

Have a look what the booklet for
Yxy(75.6053, 0.3208, 0.3424)
contains.

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Color

Yxy(75.4165, 0.3205, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2D6
RGB	226, 226, 214
RGB Percent	89%, 89%, 84%
CMY	0.1138, 0.1137, 0.1607
CMYK	0.00, 0.00, 0.05, 0.11
HSL	60°, 17%, 86%
HSV	60°, 5%, 89%
XYZ	70.6961, 75.4165, 74.4680
YIQ	224.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

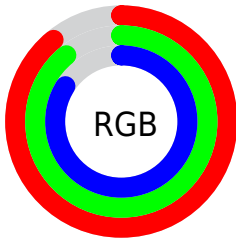
Format	Color
R _Y B	214, 226, 214
Decimal	14869206
CIE Lab	89.59, -2.09, 5.84
CIE LCh	90, 6.201, 109.739
Yxy	75.4165, 0.3205, 0.3419
Android (android.graphics.Color)	4293059286 (0xFFE2E2D6)
YUV	224.6320, -5.2416, 1.1997
Hunter-Lab	86.8427, -6.6631, 9.9484

Details

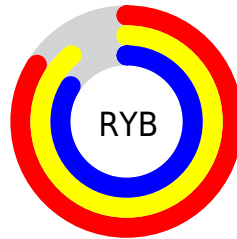
The Yxy color **75.4165, 0.3205, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9047, 0.3047, 0.3158**, and the grayscale version is **75.0546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2870, 0.3229, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **74.3351, 0.3355, 0.3669**, and if you desaturate by 10%, it is **76.6647, 0.3060, 0.3178**.

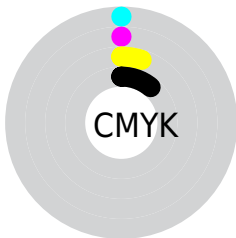
Distribution



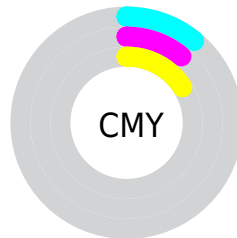
- Red (89%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4165, 0.3205, 0.3419 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 75.4165, 0.3205, 0.3419 by changing the saturation by 10% instead.

■ 75.4165, 0.3205,
0.3419

■ 75.4165, 0.3205,
0.3419

479.3479, 0.3169,
0.3359

■ 55.9542, 0.3213,
0.3433

126.9018, 0.3193,
0.3398

■ 40.1662, 0.3223,
0.3449

159.6935, 0.3188,
0.3390

■ 27.6681, 0.3236,
0.3471

197.6971, 0.3184,
0.3383

■ 18.0756, 0.3252,
0.3499

241.2971, 0.3180,
0.3377

■ 11.0043, 0.3274,
0.3537

290.8777, 0.3177,
0.3372

■ 6.0697, 0.3306,
0.3592

346.8235, 0.3174,

■ 2.8875, 0.3355,

0.3367

0.3678

409.5188, 0.3172,
0.3363

■ 1.0733, 0.3459,
0.3855

■ 0.0000, 0.0000,
0.0000

■ 75.4165, 0.3205,
0.3419

■ 75.4165, 0.3205,
0.3419

■ 74.3351, 0.3355,
0.3669

■ 76.6647, 0.3060,
0.3178

■ 73.4040, 0.3507,
0.3920

■ 77.8005, 0.2947,
0.2992

■ 72.6197, 0.3656,
0.4167

■ 77.8091, 0.2948,
0.2992

■ 71.9744, 0.3795,
0.4398

■ 77.8178, 0.2948,
0.2992

■ 71.4601, 0.3919,
0.4605

■ 77.8265, 0.2948,
0.2992

■ 71.0676, 0.4023,
0.4777

■ 77.8351, 0.2949,
0.2992

■ 70.7866, 0.4102,
0.4909

■ 77.8438, 0.2949,
0.2992

■ 70.6052, 0.4154,
0.4997

■ 77.8524, 0.2949,
0.2992

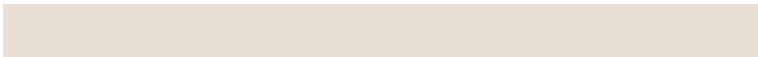
■ 70.5088, 0.4182,
0.5043

■ 77.8611, 0.2950,
0.2992

Harmonies

Analogous

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



75.4165, 0.3256, 0.3401



75.4165, 0.3205, 0.3419



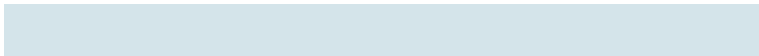
75.4165, 0.3133, 0.3402

Triad

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



75.4165, 0.3205, 0.3419



75.4165, 0.2984, 0.3224



75.4165, 0.3193, 0.3228

Complementary

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



75.4165, 0.3205, 0.3419



67.9047, 0.3047, 0.3158

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.



75.4165, 0.3120, 0.3182



75.4165, 0.3205, 0.3419



75.4165, 0.3000, 0.3179

Square

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



75.4165, 0.3205, 0.3419



75.4165, 0.3007, 0.3288



75.4165, 0.3049, 0.3164



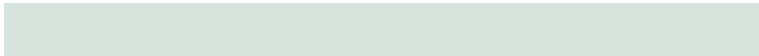
75.4165, 0.3249, 0.3290

Rectangle

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



75.4165, 0.3205, 0.3419



75.4165, 0.3084, 0.3372



75.4165, 0.3049, 0.3164



75.4165, 0.3170, 0.3210

Sweetspot

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



75.4198, 0.3205, 0.3419



99.6736, 0.3157, 0.3339



69.1350, 0.3215, 0.3290



21.3377, 0.3155, 0.3336



0.0000, 0.0000, 0.0000



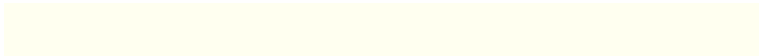
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4198, 0.3205, 0.3419



99.0466, 0.3216, 0.3437



74.4728, 0.3163, 0.3421



16.0957, 0.3224, 0.3451



40.2069, 0.4189, 0.5056



2.7875, 0.4190, 0.5055

Inverse Universe

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



67.9047, 0.3047, 0.3158



87.8428, 0.3036, 0.3138



68.8184, 0.3090, 0.3159



14.1097, 0.3027, 0.3124



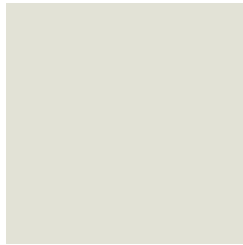
3.1353, 0.1501, 0.0600



0.2179, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 75.4165, 0.3205, 0.3419 looks on a white background.

Color Contrast Check

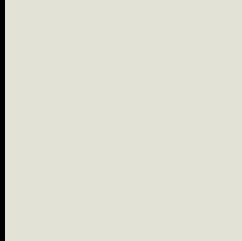
Large Text (above 18pt) WCAG AA × Fail

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 75.4165, 0.3205, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

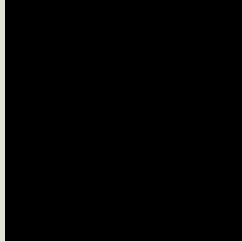
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

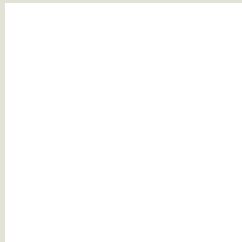
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4165, 0.3205, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 75.4165, 0.3205, 0.3419.

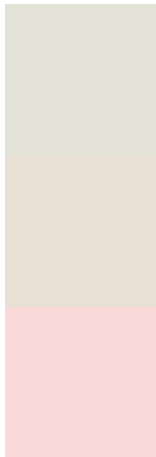


This preview shows how white text looks on a background with the Yxy color 75.4165, 0.3205, 0.3419.

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

75.4165, 0.3205, 0.3419

Protanopia

75.2712, 0.3257, 0.3407

Deuteranopia

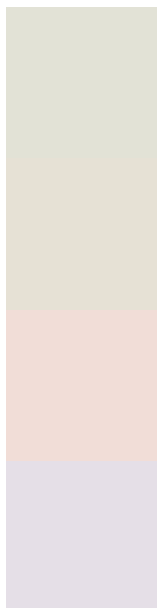
75.4247, 0.3376, 0.3311



Tritanopia

75.3568, 0.3066, 0.3102

Trichromacy



Original Color

75.4165, 0.3205, 0.3419

Protanomaly

75.4775, 0.3241, 0.3418

Deuteranomaly

75.3200, 0.3312, 0.3353

Tritanomaly

75.2029, 0.3117, 0.3206

Monochromacy



Original Color

75.4165, 0.3205, 0.3419

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0784, 0.3153, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4165, 0.3205, 0.3419 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 214) }
```

Border

The CSS property to change the border of an element to Yxy 75.4165, 0.3205, 0.3419 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, 214) }
```

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

```
.border{ border-color:rgb(226, 226, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4165, 0.3205, 0.3419 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, 214) }
```

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

```
.background{ background-color: rgb(226,  
226, 214) }
```

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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