

Converting Colors

$Yxy(75.4877, 0.3197, 0.3406)$

Have a look what the booklet for
Yxy(75.4877, 0.3197, 0.3406)
contains.

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Color

Yxy(75.4678, 0.3199, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2D7
RGB	226, 226, 215
RGB Percent	89%, 89%, 84%
CMY	0.1135, 0.1138, 0.1568
CMYK	0.00, 0.00, 0.05, 0.11
HSL	60°, 16%, 86%
HSV	60°, 5%, 89%
XYZ	70.8396, 75.4678, 75.1356
YIQ	224.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

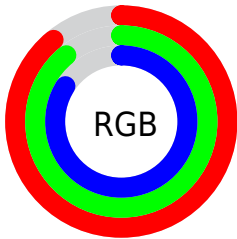
Format	Color
R _Y B	215, 226, 215
Decimal	14869207
CIE Lab	89.61, -1.89, 5.35
CIE LCh	90, 5.677, 109.457
Yxy	75.4678, 0.3199, 0.3408
Android (android.graphics.Color)	4293059287 (0xFFE2E2D7)
YUV	224.7460, -4.8048, 1.0998
Hunter-Lab	86.8722, -6.4691, 9.5307

Details

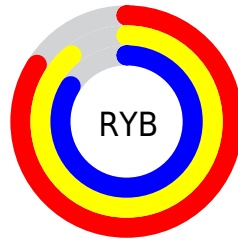
The Yxy color `75.4678, 0.3199, 0.3408` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `68.5867, 0.3054, 0.3169`, and the grayscale version is `75.1439, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.3218, 0.3220, 0.3444` is the 20% darker color. If you saturate the color by 10%, you get `74.3189, 0.3350, 0.3656`, and if you desaturate by 10%, it is `76.7838, 0.3054, 0.3169`.

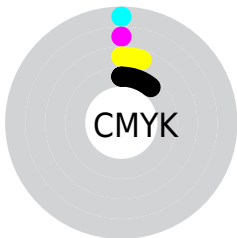
Distribution



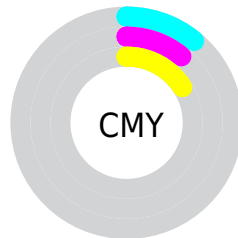
- Red (89%)
- Green (89%)
- Blue (84%)



- 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 75.4678, 0.3199, 0.3408 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 75.4678, 0.3199, 0.3408 by changing the saturation by 10% instead.

■ 75.4678, 0.3199,
0.3408

■ 75.4678, 0.3199,
0.3408

479.5239, 0.3166,
0.3354

■ 55.9962, 0.3206,
0.3420

126.9743, 0.3188,
0.3389

■ 40.1999, 0.3216,
0.3436

159.7781, 0.3183,
0.3382

■ 27.6944, 0.3227,
0.3455

197.7946, 0.3179,
0.3375

■ 18.0954, 0.3242,
0.3481

241.4085, 0.3176,
0.3370

■ 11.0185, 0.3263,
0.3515

291.0039, 0.3173,
0.3365

■ 6.0793, 0.3292,
0.3566

346.9654, 0.3170,

■ 2.8934, 0.3337,

0.3361

0.3644

409.6772, 0.3168,
0.3357

■ 1.0763, 0.3430,
0.3801

■ 0.0000, 0.0000,
0.0000

■ 75.4678, 0.3199,
0.3408

■ 75.4678, 0.3199,
0.3408

■ 74.3189, 0.3350,
0.3656

■ 76.7838, 0.3054,
0.3169

■ 73.3209, 0.3503,
0.3907

■ 77.9219, 0.2947,
0.2994

■ 72.4699, 0.3653,
0.4152

■ 77.9910, 0.2947,
0.2996

■ 71.7585, 0.3794,
0.4383

■ 78.0603, 0.2947,
0.2997

71.1784, 0.3920,
0.4590

78.1295, 0.2947,
0.2998

70.7207, 0.4027,
0.4763

78.1988, 0.2947,
0.3000

70.3751, 0.4109,
0.4896

78.2682, 0.2947,
0.3001

70.1297, 0.4164,
0.4985

78.3376, 0.2947,
0.3002

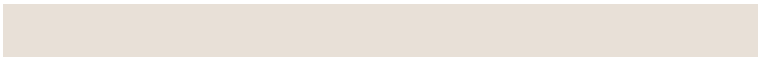
69.9701, 0.4194,
0.5032

78.4071, 0.2947,
0.3004

Harmonies

Analogous

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



75.4678, 0.3245, 0.3391



75.4678, 0.3199, 0.3408



75.4678, 0.3134, 0.3393

Triad

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



75.4678, 0.3199, 0.3408



75.4678, 0.2996, 0.3230



75.4678, 0.3187, 0.3233

Complementary

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



75.4678, 0.3199, 0.3408



68.5867, 0.3054, 0.3169

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.



75.4678, 0.3120, 0.3191



75.4678, 0.3199, 0.3408



75.4678, 0.3010, 0.3189

Square

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



75.4678, 0.3199, 0.3408



75.4678, 0.3017, 0.3289



75.4678, 0.3055, 0.3175



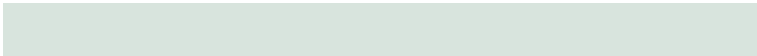
75.4678, 0.3239, 0.3290

Rectangle

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



75.4678, 0.3199, 0.3408



75.4678, 0.3088, 0.3366



75.4678, 0.3055, 0.3175



75.4678, 0.3165, 0.3216

Sweetspot

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



75.4711, 0.3199, 0.3408



99.8277, 0.3142, 0.3314



69.7050, 0.3207, 0.3288



21.3691, 0.3141, 0.3313



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.



75.4711, 0.3199, 0.3408



98.9987, 0.3216, 0.3436



74.6559, 0.3161, 0.3410



16.0872, 0.3225, 0.3450



39.8694, 0.4203, 0.5045



2.7679, 0.4201, 0.5046

Inverse Universe

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



68.5867, 0.3054, 0.3169



87.8870, 0.3035, 0.3139



69.3756, 0.3092, 0.3170



14.1175, 0.3026, 0.3124



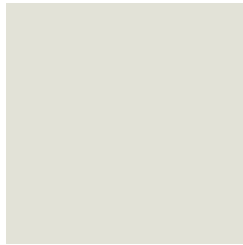
3.1541, 0.1501, 0.0604



0.2230, 0.1504, 0.0615

Previews

White Background



This preview shows how the Yxy color 75.4678, 0.3199, 0.3408 looks on a white background.

Color Contrast Check

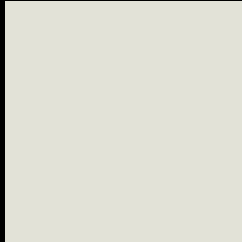
Large Text (above 18pt) WCAG AA × Fail

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 75.4678, 0.3199, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

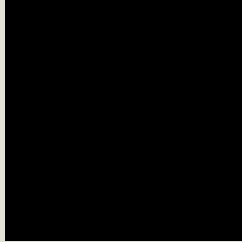
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

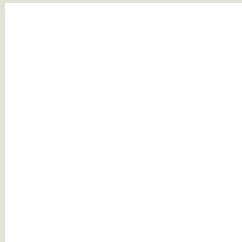
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4678, 0.3199, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 75.4678, 0.3199, 0.3408.

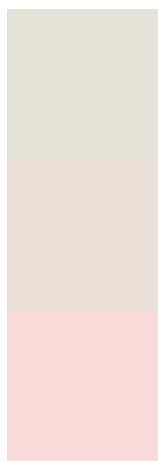


This preview shows how white text looks on a background with the Yxy color 75.4678, 0.3199, 0.3408.

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

75.4678, 0.3199, 0.3408

Protanopia

75.3222, 0.3250, 0.3397

Deuteranopia

75.4766, 0.3368, 0.3301



Tritanopia

75.3568, 0.3066, 0.3102

Trichromacy



Original Color

75.4678, 0.3199, 0.3408

Protanomaly

75.5285, 0.3235, 0.3408

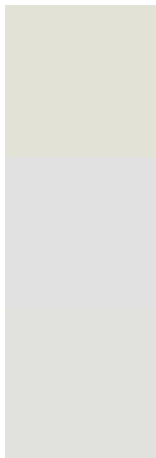
Deuteranomaly

75.3715, 0.3305, 0.3343

Tritanomaly

75.2029, 0.3117, 0.3206

Monochromacy



Original Color

75.4678, 0.3199, 0.3408

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 75.4678, 0.3199, 0.3408 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 215) }
```

Border

The CSS property to change the border of an element to Yxy 75.4678, 0.3199, 0.3408 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, 215) }
```

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

```
.border{ border-color:rgb(226, 226, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4678, 0.3199, 0.3408 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, 215) }
```

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

```
.background{ background-color: rgb(226,  
226, 215) }
```

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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