

Converting Colors

$Y_{xy}(75.0059, 0.3314, 0.3371)$

Have a look what the booklet for
Yxy(75.0059, 0.3314, 0.3371)
contains.

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Color

Yxy(75.0423, 0.3319, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	F0DDD5
RGB	240, 221, 213
RGB Percent	94%, 87%, 84%
CMY	0.0586, 0.1334, 0.1647
CMYK	0.00, 0.08, 0.11, 0.06
HSL	18°, 48%, 89%
HSV	18°, 11%, 94%
XYZ	73.8190, 75.0423, 73.5521
YIQ	225.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

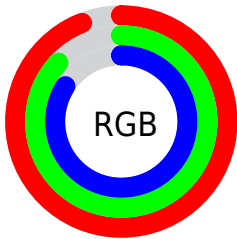
Format	Color
R _Y B	240, 224, 213
Decimal	15785429
CIE Lab	89.41, 5.23, 6.26
CIE LCh	89, 8.160, 50.101
Yxy	75.0423, 0.3319, 0.3374
Android (android.graphics.Color)	4293975509 (0xFFF0DDD5)
YUV	225.7690, -6.2951, 12.4806
Hunter-Lab	86.6270, 0.5113, 10.2977

Details

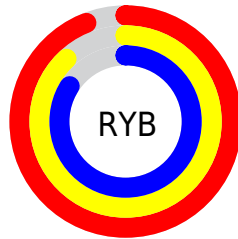
The Yxy color **75.0423, 0.3319, 0.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.2090, 0.2953, 0.3205**, and the grayscale version is **75.9241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9314, 0.3369, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **65.4209, 0.3524, 0.3454**, and if you desaturate by 10%, it is **85.7526, 0.3147, 0.3299**.

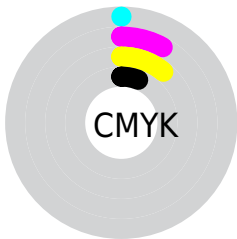
Distribution



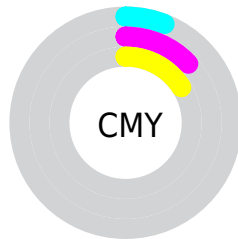
- Red (94%)
- Green (87%)
- Blue (84%)



- Red (94%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0423, 0.3319, 0.3374 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 75.0423, 0.3319, 0.3374 by changing the saturation by 10% instead.


 75.0423, 0.3319,
0.3374

 75.0423, 0.3319,
0.3374


478.0629, 0.3230,
0.3336

 55.6475, 0.3339,
0.3382


126.3722, 0.3288,
0.3361

 39.9204, 0.3364,
0.3393

159.0762, 0.3276,
0.3356

 27.4765, 0.3396,
0.3406


196.9854, 0.3266,
0.3351

 17.9314, 0.3438,
0.3423

240.4841, 0.3257,
0.3348

 10.9008, 0.3494,
0.3445

289.9569, 0.3249,
0.3344

 6.0001, 0.3576,
0.3476

345.7880, 0.3242,

 2.8452, 0.3705,

0.3341

408.3619, 0.3236,
0.3338

0.3523

1.0514, 0.3967,
0.3628

0.0000, 1.0000,
0.0000

75.0423, 0.3319,
0.3374

75.0423, 0.3319,
0.3374

65.4209, 0.3524,
0.3454

85.7526, 0.3147,
0.3299

56.8440, 0.3766,
0.3536

97.1804, 0.3036,
0.3288

49.2785, 0.4049,
0.3617

97.2766, 0.3036,
0.3290

42.6859, 0.4374,
0.3690

■ 37.0251, 0.4733,
0.3746

■ 32.2519, 0.5110,
0.3773

■ 28.3181, 0.5474,
0.3760

■ 25.1700, 0.5788,
0.3699

■ 23.0096, 0.6002,
0.3616

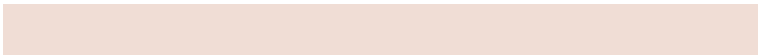
Harmonies

Analogous

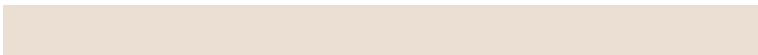
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0423, 0.3289, 0.3291



75.0423, 0.3319, 0.3374



75.0423, 0.3297, 0.3436

Triad

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



75.0423, 0.3319, 0.3374



75.0423, 0.3039, 0.3373



75.0423, 0.3025, 0.3124

Complementary

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



75.0423, 0.3319, 0.3374



78.2090, 0.2953, 0.3205

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.



75.0423, 0.2960, 0.3143



75.0423, 0.3319, 0.3374



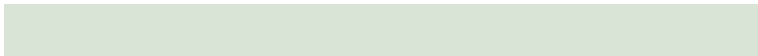
75.0423, 0.2968, 0.3286

Square

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



75.0423, 0.3319, 0.3374



75.0423, 0.3134, 0.3437



75.0423, 0.2939, 0.3202



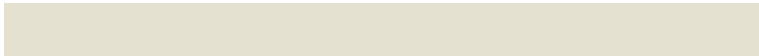
75.0423, 0.3118, 0.3149

Rectangle

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



75.0423, 0.3319, 0.3374



75.0423, 0.3255, 0.3458



75.0423, 0.2939, 0.3202



75.0423, 0.2999, 0.3126

Sweetspot

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



75.0456, 0.3319, 0.3374



96.1225, 0.3175, 0.3312



71.9804, 0.3193, 0.3090



20.3565, 0.3188, 0.3318



0.0000, 0.0000, 0.0000



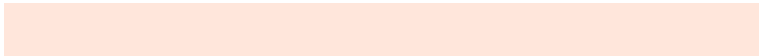
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0456, 0.3319, 0.3374



82.8834, 0.3372, 0.3396



82.3028, 0.3303, 0.3509



16.5178, 0.3286, 0.3360



12.7886, 0.5974, 0.3639



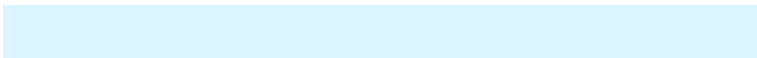
1.2301, 0.5716, 0.3843

Inverse Universe

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



78.2090, 0.2953, 0.3205



87.3177, 0.2910, 0.3182



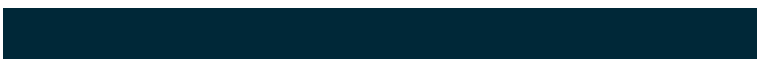
71.0404, 0.2950, 0.3061



17.0965, 0.2981, 0.3219



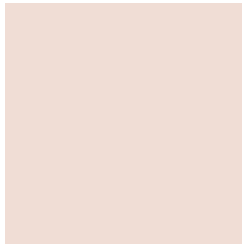
19.2768, 0.1973, 0.2301



1.7752, 0.2013, 0.2447

Previews

White Background



This preview shows how the Yxy color 75.0423, 0.3319, 0.3374 looks on a white background.

Color Contrast Check

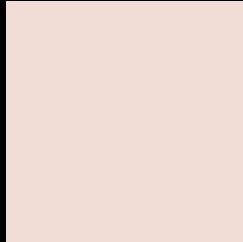
Large Text (above 18pt) WCAG AA × Fail

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 75.0423, 0.3319, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

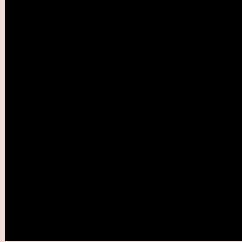
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

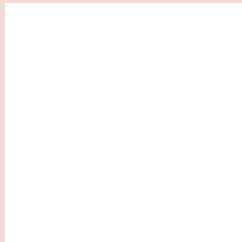
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0423, 0.3319, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 75.0423, 0.3319, 0.3374.

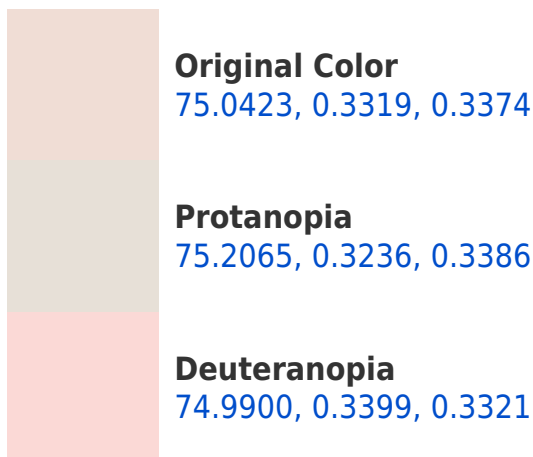


This preview shows how white text looks on a background with the Yxy color 75.0423, 0.3319, 0.3374.

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

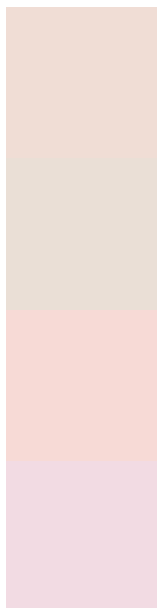




Tritanopia

75.1957, 0.3193, 0.3117

Trichromacy



Original Color

75.0423, 0.3319, 0.3374

Protanomaly

75.1228, 0.3266, 0.3386

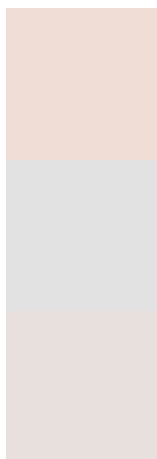
Deuteranomaly

74.7720, 0.3367, 0.3332

Tritanomaly

75.0863, 0.3239, 0.3208

Monochromacy



Original Color

75.0423, 0.3319, 0.3374

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5207, 0.3196, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0423, 0.3319, 0.3374 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(240, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 213)  
}
```

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(240, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 213) }
```

Border

The CSS property to change the border of an element to Yxy 75.0423, 0.3319, 0.3374 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(240, 221, 213) }
```

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

```
.border{ border-color:rgb(240, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0423, 0.3319, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 213) }
```

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

```
.background{ background-color: rgb(240,  
221, 213) }
```

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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