

Converting Colors

$Yxy(74.4780, 0.3295, 0.3380)$

Have a look what the booklet for
Yxy(74.4780, 0.3295, 0.3380)
contains.

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Color

Yxy(74.3499, 0.3289, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	ECDDD5
RGB	236, 221, 213
RGB Percent	93%, 87%, 84%
CMY	0.0746, 0.1333, 0.1647
CMYK	0.00, 0.06, 0.10, 0.07
HSL	21°, 38%, 88%
HSV	21°, 10%, 93%
XYZ	72.4554, 74.3499, 73.4907
YIQ	224.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

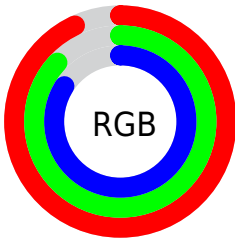
Format	Color
R _Y B	236, 225, 213
Decimal	15523285
CIE Lab	89.09, 3.79, 5.75
CIE LCh	89, 6.885, 56.614
Yxy	74.3499, 0.3289, 0.3375
Android (android.graphics.Color)	4293713365 (0xFFECDDD5)
YUV	224.5730, -5.7055, 10.0215
Hunter-Lab	86.2264, -0.9040, 9.8256

Details

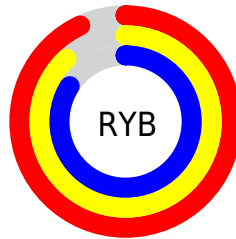
The Yxy color $74.3499, 0.3289, 0.3375$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.6817, 0.2977, 0.3203$, and the grayscale version is $75.0091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.4444, 0.3330, 0.3400$ is the 20% darker color. If you saturate the color by 10%, you get $65.4862, 0.3484, 0.3468$, and if you desaturate by 10%, it is $84.1387, 0.3123, 0.3288$.

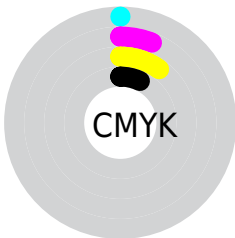
Distribution



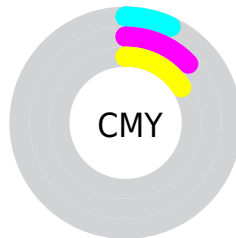
- Red (93%)
- Green (87%)
- Blue (84%)



- Red (93%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3499, 0.3289, 0.3375 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 74.3499, 0.3289, 0.3375 by changing the saturation by 10% instead.

 74.3499, 0.3289,
0.3375

 74.3499, 0.3289,
0.3375


475.6801, 0.3214,
0.3336

 55.0805, 0.3306,
0.3384

125.3917, 0.3263,
0.3362

 39.4662, 0.3327,
0.3394


157.9328, 0.3253,
0.3356

 27.1226, 0.3354,
0.3408


195.6667, 0.3244,
0.3352

 17.6653, 0.3389,
0.3425

238.9776, 0.3237,
0.3348

 10.7100, 0.3437,
0.3449

288.2500, 0.3230,
0.3345

 5.8722, 0.3507,
0.3482

343.8683, 0.3224,

 2.7675, 0.3616,

0.3342

0.3533

406.2169, 0.3219,
0.3339

■ 1.0116, 0.3847,
0.3650

■ 0.0000, 0.0000,
0.0000

■ 74.3499, 0.3289,
0.3375

■ 74.3499, 0.3289,
0.3375

■ 65.4862, 0.3484,
0.3468

■ 84.1387, 0.3123,
0.3288

■ 57.5104, 0.3713,
0.3564

■ 94.5289, 0.3011,
0.3258

■ 50.3970, 0.3979,
0.3660

■ 96.5698, 0.3011,
0.3290

■ 44.1156, 0.4281,
0.3749

■ 38.6339, 0.4613,
0.3821

■ 33.9171, 0.4963,
0.3865

■ 29.9277, 0.5306,
0.3868

■ 26.6240, 0.5613,
0.3820

■ 23.9529, 0.5859,
0.3727

Harmonies

Analogous

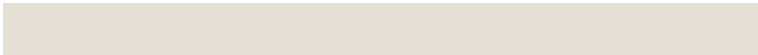
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3499, 0.3273, 0.3307



74.3499, 0.3289, 0.3375



74.3499, 0.3261, 0.3422

Triad

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



74.3499, 0.3289, 0.3375



74.3499, 0.3037, 0.3345



74.3499, 0.3056, 0.3151

Complementary

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



74.3499, 0.3289, 0.3375



75.6817, 0.2977, 0.3203

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.



74.3499, 0.2995, 0.3159



74.3499, 0.3289, 0.3375



74.3499, 0.2984, 0.3271

Square

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



74.3499, 0.3289, 0.3375



74.3499, 0.3115, 0.3405



74.3499, 0.2968, 0.3202



74.3499, 0.3138, 0.3179

Rectangle

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



74.3499, 0.3289, 0.3375



74.3499, 0.3221, 0.3434



74.3499, 0.2968, 0.3202



74.3499, 0.3033, 0.3150

Sweetspot

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



74.3532, 0.3289, 0.3375



96.3767, 0.3175, 0.3316



71.0446, 0.3191, 0.3130



20.4250, 0.3188, 0.3323



0.0000, 0.0000, 0.0000



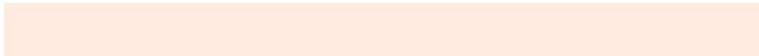
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3532, 0.3289, 0.3375



86.1113, 0.3331, 0.3396



80.4347, 0.3276, 0.3491



15.9118, 0.3284, 0.3373



13.3891, 0.5836, 0.3748



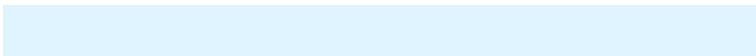
1.2257, 0.5570, 0.3959

Inverse Universe

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



75.6817, 0.2977, 0.3203



88.0409, 0.2940, 0.3182



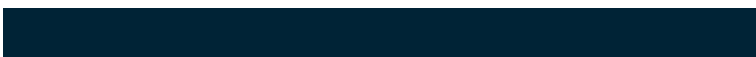
69.7473, 0.2976, 0.3081



16.1878, 0.2981, 0.3206



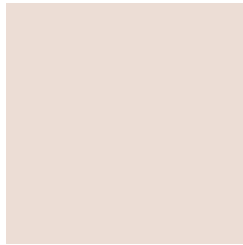
16.2979, 0.1920, 0.2110



1.4586, 0.1970, 0.2292

Previews

White Background



This preview shows how the Yxy color 74.3499, 0.3289, 0.3375 looks on a white background.

Color Contrast Check

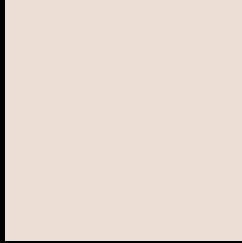
Large Text (above 18pt) WCAG AA × Fail

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 74.3499, 0.3289, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

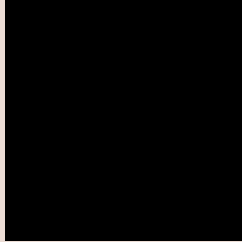
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

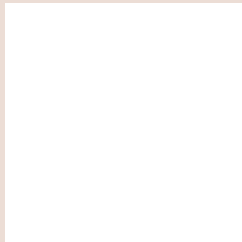
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3499, 0.3289, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 74.3499, 0.3289, 0.3375.

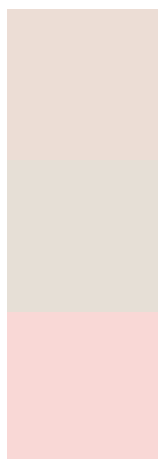


This preview shows how white text looks on a background with the Yxy color 74.3499, 0.3289, 0.3375.

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

74.3499, 0.3289, 0.3375

Protanopia

74.4534, 0.3237, 0.3387

Deuteranopia

74.1065, 0.3385, 0.3311



Tritanopia

74.4917, 0.3164, 0.3115

Trichromacy



Original Color

74.3499, 0.3289, 0.3375

Protanomaly

74.2534, 0.3252, 0.3376

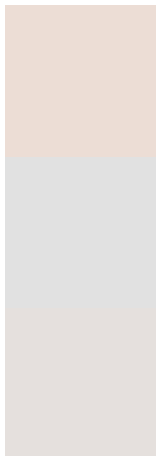
Deuteranomaly

74.2309, 0.3345, 0.3332

Tritanomaly

74.3862, 0.3210, 0.3207

Monochromacy



Original Color

74.3499, 0.3289, 0.3375

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1898, 0.3182, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3499, 0.3289, 0.3375 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(236, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 213) }
```

Border

The CSS property to change the border of an element to Yxy 74.3499, 0.3289, 0.3375 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(236, 221, 213) }
```

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

```
.border{ border-color:rgb(236, 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(236, 221, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3499, 0.3289, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 213) }
```

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

```
.background{ background-color: rgb(236,  
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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