

Converting Colors

$Yxy(74.7688, 0.3218, 0.3264)$

Have a look what the booklet for
Yxy(74.7688, 0.3218, 0.3264)
contains.

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Color

Yxy(74.8735, 0.3221, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	ECDDDF
RGB	236, 221, 223
RGB Percent	93%, 87%, 87%
CMY	0.0744, 0.1333, 0.1254
CMYK	0.00, 0.06, 0.06, 0.07
HSL	352°, 28%, 90%
HSV	352°, 6%, 93%
XYZ	73.7741, 74.8735, 80.3934
YIQ	225.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

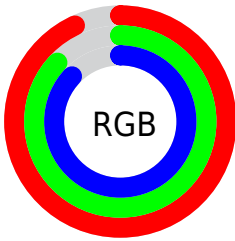
Format	Color
R _Y B	236, 221, 223
Decimal	15523295
CIE Lab	89.33, 5.48, 0.84
CIE LCh	89, 5.547, 8.751
Yxy	74.8735, 0.3221, 0.3269
Android (android.graphics.Color)	4293713375 (0xFFECDDDF)
YUV	225.7130, -1.3375, 9.0217
Hunter-Lab	86.5295, 0.7606, 5.4851

Details

The Yxy color **74.8735, 0.3221, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.3117, 0.3041, 0.3311**, and the grayscale version is **75.8448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8029, 0.3241, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **62.2419, 0.3398, 0.3234**, and if you desaturate by 10%, it is **89.3963, 0.3079, 0.3302**.

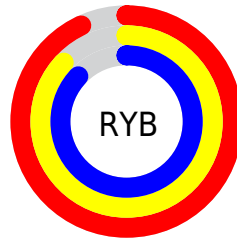
Distribution



Red (93%)

Green (87%)

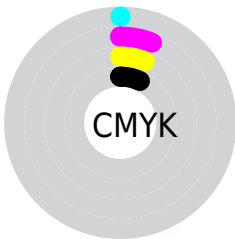
Blue (87%)



Red (93%)

Yellow (87%)

Blue (87%)

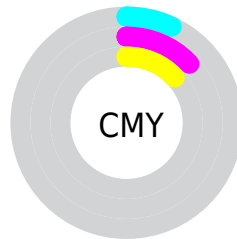


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (7%)



Cyan (7%)


Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8735, 0.3221, 0.3269 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 74.8735, 0.3221, 0.3269 by changing the saturation by 10% instead.


 74.8735, 0.3221,
0.3269

 74.8735, 0.3221,
0.3269


477.4827, 0.3178,
0.3279

 55.5093, 0.3231,
0.3267

126.1333, 0.3206,
0.3272

 39.8096, 0.3243,
0.3264


158.7976, 0.3200,
0.3274

 27.3901, 0.3258,
0.3260


196.6641, 0.3195,
0.3275

 17.8664, 0.3279,
0.3256

240.1171, 0.3191,
0.3276

 10.8541, 0.3306,
0.3249

289.5411, 0.3187,
0.3277

 5.9688, 0.3346,
0.3240

345.3204, 0.3184,

 2.8261, 0.3408,

0.3278

0.3225

407.8395, 0.3180,
0.3278

■ 1.0417, 0.3520,
0.3197

■ 0.0000, 1.0000,
0.0000

■ 74.8735, 0.3221,
0.3269

■ 74.8735, 0.3221,
0.3269

■ 62.2419, 0.3398,
0.3234

■ 89.3963, 0.3079,
0.3302

■ 51.4142, 0.3617,
0.3198

■ 96.5756, 0.3011,
0.3290

■ 42.3111, 0.3888,
0.3161

■ 34.8433, 0.4216,
0.3128

■ 28.9136, 0.4602,
0.3102

■ 24.4144, 0.5033,
0.3091

■ 21.2244, 0.5475,
0.3102

■ 19.2019, 0.5873,
0.3139

■ 18.1704, 0.6169,
0.3197

Harmonies

Analogous

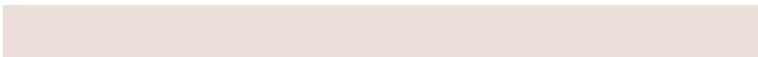
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8735, 0.3163, 0.3217



74.8735, 0.3221, 0.3269



74.8735, 0.3254, 0.3327

Triad

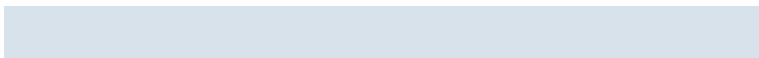
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8735, 0.3221, 0.3269



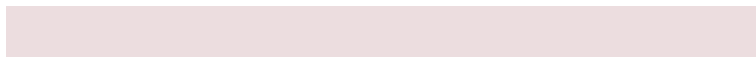
74.8735, 0.3157, 0.3399



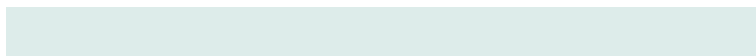
74.8735, 0.3004, 0.3203

Complementary

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



74.8735, 0.3221, 0.3269



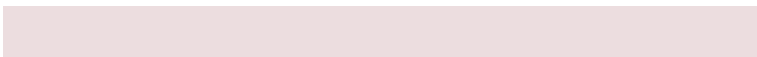
81.3117, 0.3041, 0.3311

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.



74.8735, 0.3002, 0.3251



74.8735, 0.3221, 0.3269



74.8735, 0.3091, 0.3365

Square

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



74.8735, 0.3221, 0.3269



74.8735, 0.3217, 0.3403



74.8735, 0.3034, 0.3311



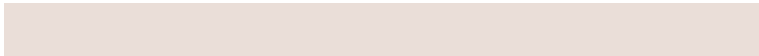
74.8735, 0.3038, 0.3178

Rectangle

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



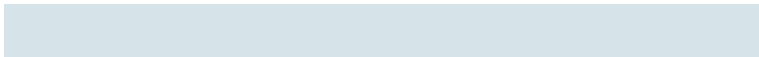
74.8735, 0.3221, 0.3269



74.8735, 0.3257, 0.3362



74.8735, 0.3034, 0.3311



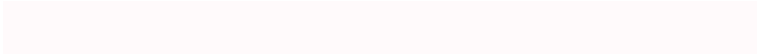
74.8735, 0.3000, 0.3217

Sweetspot

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



74.8768, 0.3221, 0.3269



96.5082, 0.3155, 0.3284



75.2215, 0.3119, 0.3134



20.6933, 0.3154, 0.3284



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.



74.8768, 0.3221, 0.3269



86.5831, 0.3248, 0.3263



77.5872, 0.3230, 0.3345



15.0872, 0.3272, 0.3258



9.8976, 0.6222, 0.3201



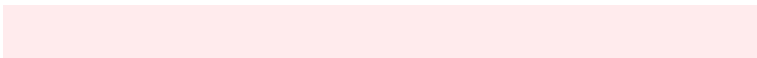
0.7877, 0.5904, 0.3026

Inverse Universe

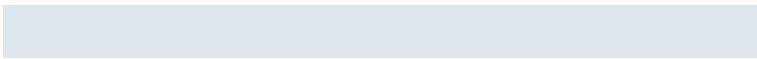
The Inverse Universe completely reimagines the original color for something new.



74.8768, 0.3221, 0.3269



86.5831, 0.3248, 0.3263



78.4464, 0.3029, 0.3234



15.0872, 0.3272, 0.3258



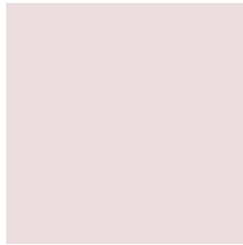
9.8976, 0.6222, 0.3201



0.7877, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 74.8735, 0.3221, 0.3269 looks on a white background.

Color Contrast Check

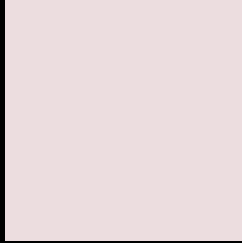
Large Text (above 18pt) WCAG AA × Fail

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 74.8735, 0.3221, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

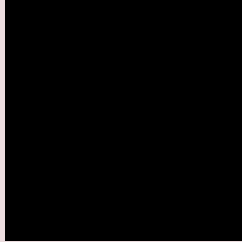
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

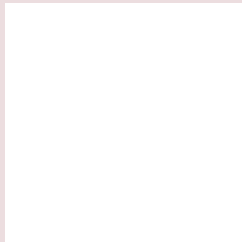
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8735, 0.3221, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 74.8735, 0.3221, 0.3269.



This preview shows how white text looks on a background with the Yxy color 74.8735, 0.3221, 0.3269.

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

74.8735, 0.3221, 0.3269

Protanopia

74.6512, 0.3156, 0.3279

Deuteranopia

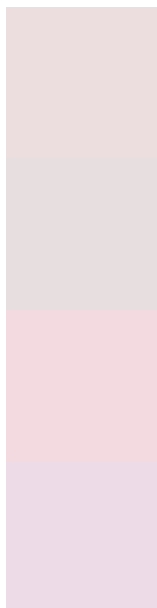
74.6004, 0.3291, 0.3219



Tritanopia

74.8963, 0.3150, 0.3115

Trichromacy



Original Color

74.8735, 0.3221, 0.3269

Protanomaly

74.6133, 0.3178, 0.3269

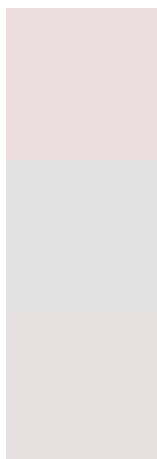
Deuteranomaly

74.4019, 0.3261, 0.3228

Tritanomaly

74.9604, 0.3175, 0.3176

Monochromacy



Original Color

74.8735, 0.3221, 0.3269

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5705, 0.3163, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8735, 0.3221, 0.3269 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 223) }
```

Border

The CSS property to change the border of an element to Yxy 74.8735, 0.3221, 0.3269 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, 223) }
```

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

```
.border{ border-color:rgb(236, 221, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8735, 0.3221, 0.3269 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, 223) }
```

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

```
.background{ background-color: rgb(236,  
221, 223) }
```

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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