

Converting Colors

$Yxy(74.6117, 0.3137, 0.3314)$

Have a look what the booklet for
Yxy(74.6117, 0.3137, 0.3314)
contains.

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Color

Yxy(74.4325, 0.3140, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E0E0DE
RGB	224, 224, 222
RGB Percent	88%, 88%, 87%
CMY	0.1218, 0.1215, 0.1295
CMYK	0.00, 0.00, 0.01, 0.12
HSL	62°, 3%, 87%
HSV	62°, 1%, 88%
XYZ	70.5670, 74.4325, 79.7363
YIQ	223.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

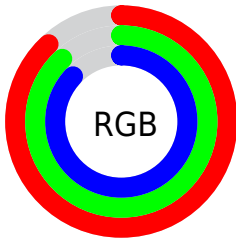
Format	Color
R _Y B	222, 224, 222
Decimal	14737630
CIE Lab	89.13, -0.38, 0.98
CIE LCh	89, 1.052, 111.292
Yxy	74.4325, 0.3140, 0.3312
Android (android.graphics.Color)	4292927710 (0xFFE0E0DE)
YUV	223.7720, -0.8736, 0.2000
Hunter-Lab	86.2743, -4.9780, 5.5951

Details

The Yxy color **74.4325, 0.3140, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1489, 0.3114, 0.3268**, and the grayscale version is **74.3725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6010, 0.3144, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **73.1933, 0.3283, 0.3559**, and if you desaturate by 10%, it is **75.8383, 0.3003, 0.3077**.

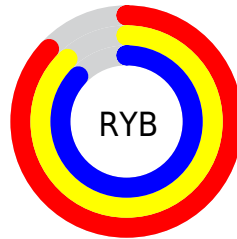
Distribution



Red (88%)

Green (88%)

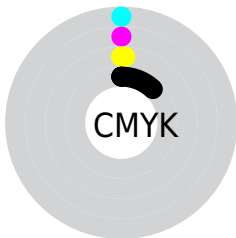
Blue (87%)



Red (87%)

Yellow (88%)

Blue (87%)

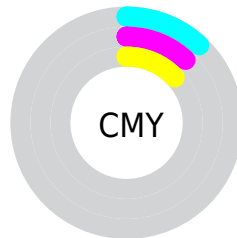


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4325, 0.3140, 0.3312 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 74.4325, 0.3140, 0.3312 by changing the saturation by 10% instead.

■ 74.4325, 0.3140,
0.3312

■ 74.4325, 0.3140,
0.3312

475.9647, 0.3134,
0.3302

■ 55.1481, 0.3141,
0.3314

125.5087, 0.3138,
0.3309

■ 39.5203, 0.3143,
0.3317

158.0693, 0.3137,
0.3307

■ 27.1647, 0.3145,
0.3321

195.8241, 0.3136,
0.3306

■ 17.6970, 0.3148,
0.3325

239.1575, 0.3136,
0.3305

■ 10.7327, 0.3152,
0.3332

288.4538, 0.3135,
0.3304

■ 5.8874, 0.3157,
0.3341

344.0976, 0.3135,

■ 2.7767, 0.3165,

0.3303

406.4731, 0.3134,
0.3303

0.3356

1.0163, 0.3180,
0.3382

0.0000, 0.0000,
0.0000

74.4325, 0.3140,
0.3312

74.4325, 0.3140,
0.3312

73.1933, 0.3283,
0.3559

75.8383, 0.3003,
0.3077

72.1048, 0.3430,
0.3812

76.6247, 0.2943,
0.2971

71.1635, 0.3575,
0.4064

76.7463, 0.2948,
0.2971

70.3623, 0.3713,
0.4307

76.8685, 0.2953,
0.2972

69.6934, 0.3839,
0.4531

76.9912, 0.2958,
0.2972

69.1484, 0.3946,
0.4725

77.1144, 0.2963,
0.2973

68.7177, 0.4031,
0.4882

77.2381, 0.2968,
0.2973

68.3905, 0.4090,
0.4996

77.3624, 0.2973,
0.2974

68.1539, 0.4123,
0.5066

77.4872, 0.2978,
0.2974

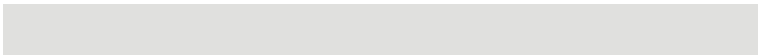
Harmonies

Analogous

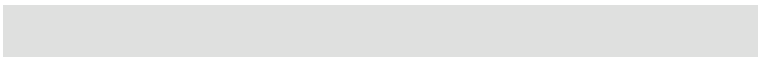
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4325, 0.3149, 0.3309



74.4325, 0.3140, 0.3312



74.4325, 0.3128, 0.3309

Triad

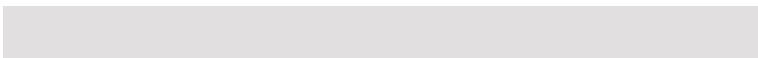
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4325, 0.3140, 0.3312



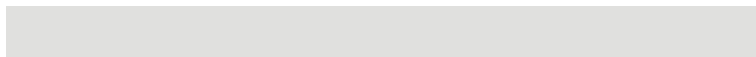
74.4325, 0.3103, 0.3279



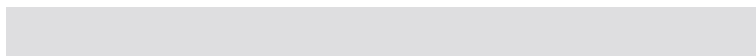
74.4325, 0.3139, 0.3280

Complementary

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



74.4325, 0.3140, 0.3312



73.1489, 0.3114, 0.3268

Split Complementary

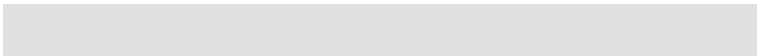
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4325, 0.3127, 0.3272



74.4325, 0.3140, 0.3312



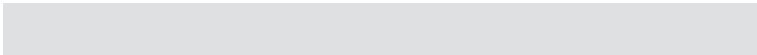
74.4325, 0.3106, 0.3271

Square

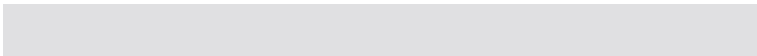
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4325, 0.3140, 0.3312



74.4325, 0.3106, 0.3289



74.4325, 0.3115, 0.3269



74.4325, 0.3148, 0.3291

Rectangle

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



74.4325, 0.3140, 0.3312



74.4325, 0.3119, 0.3304



74.4325, 0.3115, 0.3269



74.4325, 0.3135, 0.3277

Sweetspot

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



74.4357, 0.3140, 0.3312

100.0000, 0.3127, 0.3290



73.3890, 0.3142, 0.3291



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



74.4357, 0.3140, 0.3312



99.8206, 0.3141, 0.3314



74.2728, 0.3133, 0.3312



16.2373, 0.3140, 0.3313



39.5812, 0.4135, 0.5099



2.7510, 0.4145, 0.5091

Inverse Universe

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



73.1489, 0.3114, 0.3268



97.9194, 0.3113, 0.3266



73.3110, 0.3121, 0.3268



15.9472, 0.3114, 0.3267



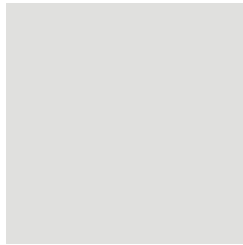
3.1708, 0.1511, 0.0606



0.2276, 0.1543, 0.0624

Previews

White Background



This preview shows how the Yxy color 74.4325, 0.3140, 0.3312 looks on a white background.

Color Contrast Check

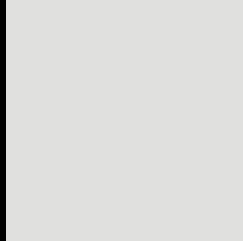
Large Text (above 18pt) WCAG AA × Fail

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 74.4325, 0.3140, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

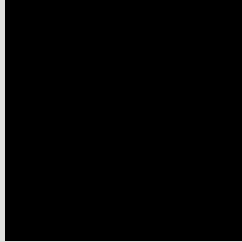
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

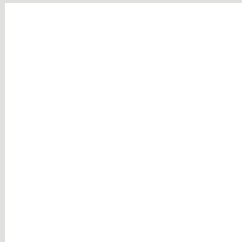
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4325, 0.3140, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 74.4325, 0.3140, 0.3312.

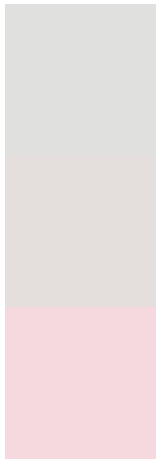


This preview shows how white text looks on a background with the Yxy color 74.4325, 0.3140, 0.3312.

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

74.4325, 0.3140, 0.3312

Protanopia

74.4898, 0.3176, 0.3311

Deuteranopia

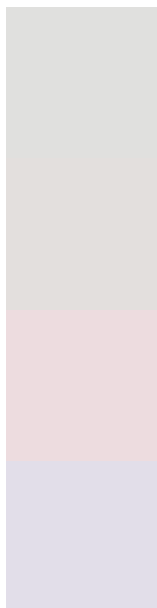
74.3659, 0.3290, 0.3229



Tritanopia

74.2758, 0.3052, 0.3101

Trichromacy



Original Color

74.4325, 0.3140, 0.3312

Protanomaly

74.3267, 0.3169, 0.3312

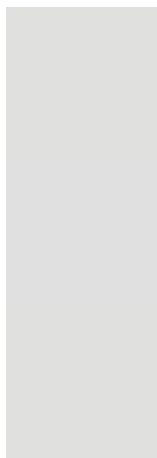
Deuteranomaly

74.5186, 0.3229, 0.3259

Tritanomaly

74.2945, 0.3084, 0.3173

Monochromacy



Original Color

74.4325, 0.3140, 0.3312

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4863, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4325, 0.3140, 0.3312 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(224, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 222)  
}
```

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(224, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 74.4325, 0.3140, 0.3312 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(224, 224, 222) }
```

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

```
.border{ border-color:rgb(224, 224, 222) }
```

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

Here you see how a box with a 4 pixel rgb(224, 224, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
222) }
```

Background

The CSS property to change the background color of an element to Yxy 74.4325, 0.3140, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 222) }
```

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

```
.background{ background-color: rgb(224,  
224, 222) }
```

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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