

Converting Colors

$Yxy(74.1426, 0.3143, 0.3367)$

Have a look what the booklet for
Yxy(74.1426, 0.3143, 0.3367)
contains.

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Color

Yxy(74.2845, 0.3145, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	DDE1DA
RGB	221, 225, 218
RGB Percent	87%, 88%, 85%
CMY	0.1332, 0.1177, 0.1452
CMYK	0.02, 0.00, 0.03, 0.12
HSL	94°, 10%, 87%
HSV	94°, 3%, 88%
XYZ	69.4072, 74.2845, 76.9990
YIQ	223.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

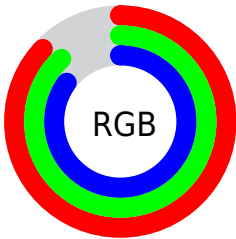
Format	Color
R_{YB}	218, 225, 222
Decimal	14541274
CIE Lab	89.06, -2.58, 2.95
CIE LCh	89, 3.914, 131.152
Yxy	74.2845, 0.3145, 0.3366
Android (android.graphics.Color)	4292731354 (0xFFDDE1DA)
YUV	223.0060, -2.4680, -1.7593
Hunter-Lab	86.1885, -7.0844, 7.3635

Details

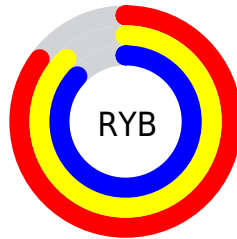
The Yxy color **74.2845, 0.3145, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0905, 0.3109, 0.3214**, and the grayscale version is **73.8199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5008, 0.3150, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **71.2729, 0.3202, 0.3626**, and if you desaturate by 10%, it is **77.6126, 0.3088, 0.3130**.

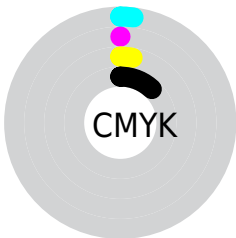
Distribution



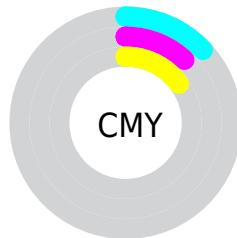
- Red (87%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2845, 0.3145, 0.3366 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 74.2845, 0.3145, 0.3366 by changing the saturation by 10% instead.

■ 74.2845, 0.3145,
0.3366

■ 74.2845, 0.3145,
0.3366

475.4547, 0.3137,
0.3331

■ 55.0269, 0.3147,
0.3374

125.2990, 0.3142,
0.3354

■ 39.4233, 0.3149,
0.3384

157.8248, 0.3141,
0.3349

■ 27.0892, 0.3152,
0.3397

195.5420, 0.3140,
0.3345

■ 17.6402, 0.3156,
0.3413

238.8352, 0.3139,
0.3341

■ 10.6920, 0.3161,
0.3436

288.0886, 0.3139,
0.3338

■ 5.8601, 0.3168,
0.3469

343.6867, 0.3138,

■ 2.7602, 0.3179,

0.3336

0.3521

406.0140, 0.3137,
0.3333

■ 1.0079, 0.3200,
0.3619

■ 0.0000, 0.0000,
0.0000

■ 74.2845, 0.3145,
0.3366

■ 74.2845, 0.3145,
0.3366

■ 71.2729, 0.3202,
0.3626

■ 77.6126, 0.3088,
0.3130

■ 68.5586, 0.3257,
0.3907

■ 80.7319, 0.3082,
0.2994

■ 66.1345, 0.3308,
0.4206

■ 82.3272, 0.3141,
0.2999

■ 63.9897, 0.3349,
0.4515

■ 62.1125, 0.3379,
0.4821

■ 60.4905, 0.3392,
0.5109

■ 59.1096, 0.3386,
0.5363

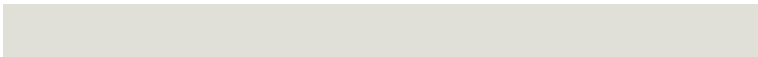
■ 57.9544, 0.3359,
0.5567

■ 57.0066, 0.3314,
0.5712

Harmonies

Analogous

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



74.2845, 0.3188, 0.3371



74.2845, 0.3145, 0.3366



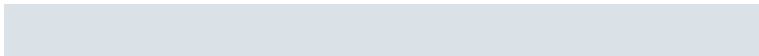
74.2845, 0.3098, 0.3341

Triad

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



74.2845, 0.3145, 0.3366



74.2845, 0.3041, 0.3226



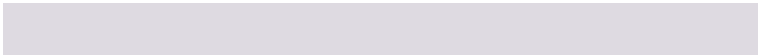
74.2845, 0.3196, 0.3279

Complementary

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



74.2845, 0.3145, 0.3366



71.0905, 0.3109, 0.3214

Split Complementary

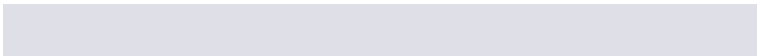
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2845, 0.3156, 0.3241



74.2845, 0.3145, 0.3366



74.2845, 0.3067, 0.3210

Square

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



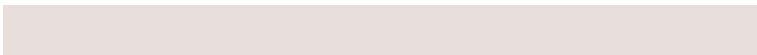
74.2845, 0.3145, 0.3366



74.2845, 0.3038, 0.3259



74.2845, 0.3109, 0.3216



74.2845, 0.3217, 0.3320

Rectangle

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



74.2845, 0.3145, 0.3366



74.2845, 0.3070, 0.3315



74.2845, 0.3109, 0.3216



74.2845, 0.3184, 0.3265

Sweetspot

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



74.2877, 0.3145, 0.3366



99.5654, 0.3133, 0.3314



73.2255, 0.3175, 0.3332



21.3157, 0.3133, 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.



74.2877, 0.3145, 0.3366



98.2867, 0.3150, 0.3389



73.8300, 0.3121, 0.3363



15.9392, 0.3154, 0.3406



32.6015, 0.3287, 0.5772



2.3120, 0.3408, 0.5676

Inverse Universe

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



71.0905, 0.3109, 0.3214



92.8290, 0.3103, 0.3192



71.5588, 0.3133, 0.3218



14.9034, 0.3099, 0.3174



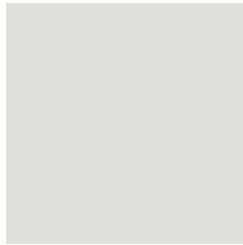
5.7924, 0.2156, 0.0961



0.4542, 0.2312, 0.1047

Previews

White Background



This preview shows how the Yxy color 74.2845, 0.3145, 0.3366 looks on a white background.

Color Contrast Check

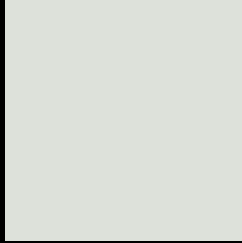
Large Text (above 18pt) WCAG AA × Fail

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 74.2845, 0.3145, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

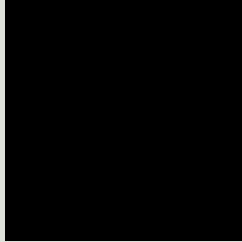
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

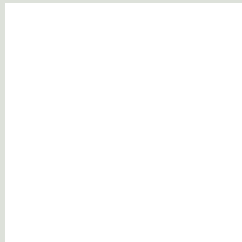
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2845, 0.3145, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 74.2845, 0.3145, 0.3366.

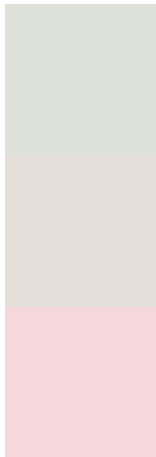


This preview shows how white text looks on a background with the Yxy color 74.2845, 0.3145, 0.3366.

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

74.2845, 0.3145, 0.3366

Protanopia

74.4431, 0.3209, 0.3354

Deuteranopia

73.8719, 0.3320, 0.3249



Tritanopia

74.3218, 0.3032, 0.3110

Trichromacy



Original Color

74.2845, 0.3145, 0.3366

Protanomaly

74.4898, 0.3187, 0.3365

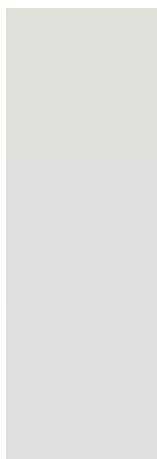
Deuteranomaly

73.7820, 0.3257, 0.3290

Tritanomaly

74.2328, 0.3075, 0.3205

Monochromacy



Original Color

74.2845, 0.3145, 0.3366

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0614, 0.3133, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2845, 0.3145, 0.3366 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(221, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 218)  
}
```

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(221, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.2845, 0.3145, 0.3366 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(221, 225, 218) }
```

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

```
.border{ border-color:rgb(221, 225, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2845, 0.3145, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 218) }
```

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

```
.background{ background-color: rgb(221,  
225, 218) }
```

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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