

Converting Colors

Yxy(69.3008, 0.3152, 0.3253)

Have a look what the booklet for
Yxy(69.3008, 0.3152, 0.3253)
contains.

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Color

Yxy(69.2449, 0.3151, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	DED7DB
RGB	222, 215, 219
RGB Percent	87%, 84%, 86%
CMY	0.1293, 0.1569, 0.1411
CMYK	0.00, 0.03, 0.01, 0.13
HSL	326°, 10%, 86%
HSV	326°, 3%, 87%
XYZ	67.2183, 69.2449, 76.8606
YIQ	217.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

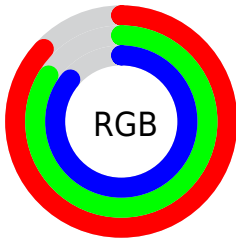
Format	Color
R _Y B	222, 215, 219
Decimal	14604251
CIE Lab	86.63, 3.12, -1.14
CIE LCh	87, 3.323, 339.963
Yxy	69.2449, 0.3151, 0.3246
Android (android.graphics.Color)	4292794331 (0xFFDED7DB)
YUV	217.5490, 0.7153, 3.9035
Hunter-Lab	83.2135, -1.4347, 3.4860

Details

The Yxy color **69.2449, 0.3151, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7615, 0.3104, 0.3334**, and the grayscale version is **69.7824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0374, 0.3159, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **58.2140, 0.3236, 0.3102**, and if you desaturate by 10%, it is **81.8444, 0.3080, 0.3382**.

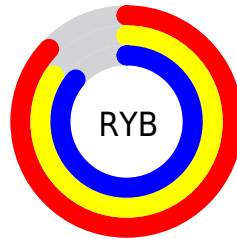
Distribution



Red (87%)

Green (84%)

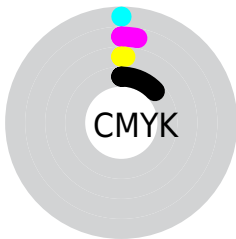
Blue (86%)



Red (87%)

Yellow (84%)

Blue (86%)

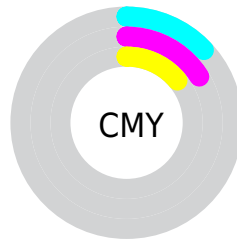


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2449, 0.3151, 0.3246 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 69.2449, 0.3151, 0.3246 by changing the saturation by 10% instead.

■ 69.2449, 0.3151,
0.3246

■ 69.2449, 0.3151,
0.3246

457.8942, 0.3140,
0.3267

■ 50.9112, 0.3154,
0.3241

118.1313, 0.3147,
0.3253

■ 36.1379, 0.3157,
0.3235

149.4528, 0.3146,
0.3256

■ 24.5407, 0.3161,
0.3228

185.8723, 0.3144,
0.3258

■ 15.7352, 0.3166,
0.3218

227.7742, 0.3143,
0.3260

■ 9.3370, 0.3173,
0.3205

275.5430, 0.3142,
0.3262

■ 4.9616, 0.3184,
0.3185

329.5630, 0.3141,

■ 2.2248, 0.3201,

0.3264

390.2186, 0.3141,
0.3265

0.3153

0.7334, 0.3242,
0.3075

0.0000, 0.0000,
0.0000

69.2449, 0.3151,
0.3246

69.2449, 0.3151,
0.3246

58.2140, 0.3236,
0.3102

81.8444, 0.3080,
0.3382

48.6808, 0.3338,
0.2951

93.2221, 0.3022,
0.3464

40.5825, 0.3458,
0.2798

93.7922, 0.2970,
0.3367

33.8480, 0.3598,
0.2649

94.2729, 0.2929,
0.3289

■ 28.4004, 0.3759,
0.2512

■ 24.1548, 0.3939,
0.2398

■ 21.0164, 0.4133,
0.2319

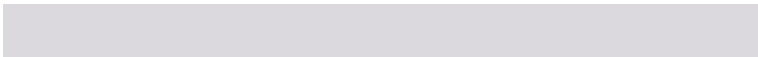
■ 18.8755, 0.4335,
0.2286

■ 17.5997, 0.4534,
0.2306

Harmonies

Analogous

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



69.2449, 0.3110, 0.3225



69.2449, 0.3151, 0.3246



69.2449, 0.3186, 0.3279

Triad

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



69.2449, 0.3151, 0.3246



69.2449, 0.3181, 0.3360



69.2449, 0.3050, 0.3265

Complementary

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



69.2449, 0.3151, 0.3246



71.7615, 0.3104, 0.3334

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.



69.2449, 0.3069, 0.3301



69.2449, 0.3151, 0.3246



69.2449, 0.3144, 0.3357

Square

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



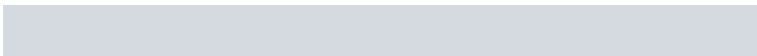
69.2449, 0.3151, 0.3246



69.2449, 0.3203, 0.3344



69.2449, 0.3103, 0.3335



69.2449, 0.3052, 0.3236

Rectangle

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



69.2449, 0.3151, 0.3246



69.2449, 0.3201, 0.3303



69.2449, 0.3103, 0.3335



69.2449, 0.3054, 0.3277

Sweetspot

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



69.2479, 0.3151, 0.3246



98.3141, 0.3135, 0.3276



68.7675, 0.3101, 0.3213



21.0610, 0.3134, 0.3277



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.



69.2479, 0.3151, 0.3246



93.3873, 0.3158, 0.3234



69.0681, 0.3175, 0.3284



15.0097, 0.3163, 0.3224



10.1647, 0.4640, 0.2330



0.7224, 0.4360, 0.2175

Inverse Universe

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



69.2479, 0.3151, 0.3246



93.3873, 0.3158, 0.3234



71.9440, 0.3082, 0.3296



15.0097, 0.3163, 0.3224



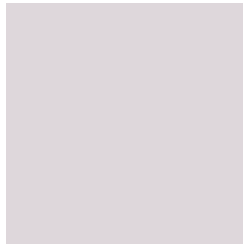
10.1647, 0.4640, 0.2330



0.7224, 0.4360, 0.2175

Previews

White Background



This preview shows how the Yxy color 69.2449, 0.3151, 0.3246 looks on a white background.

Color Contrast Check

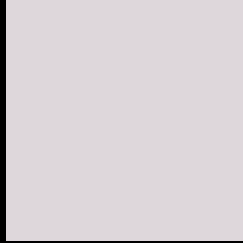
Large Text (above 18pt) WCAG AA × Fail

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 69.2449, 0.3151, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

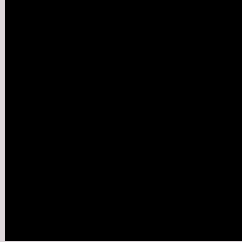
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

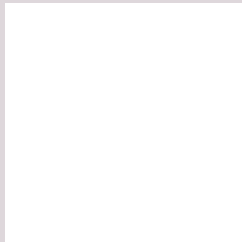
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2449, 0.3151, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 69.2449, 0.3151, 0.3246.

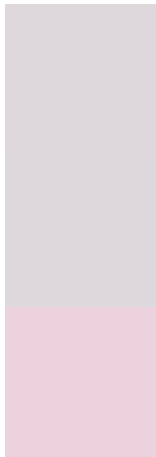


This preview shows how white text looks on a background with the Yxy color 69.2449, 0.3151, 0.3246.

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

69.2449, 0.3151, 0.3246

Protanopia

69.4419, 0.3136, 0.3257

Deuteranopia

69.0934, 0.3252, 0.3184



Tritanopia

69.1490, 0.3092, 0.3107

Trichromacy



Original Color

69.2449, 0.3151, 0.3246

Protanomaly

69.5984, 0.3143, 0.3257

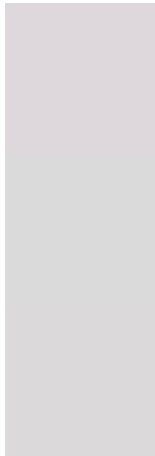
Deuteranomaly

69.2432, 0.3213, 0.3205

Tritanomaly

69.2721, 0.3111, 0.3160

Monochromacy



Original Color

69.2449, 0.3151, 0.3246

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.7477, 0.3135, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2449, 0.3151, 0.3246 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(222, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 215, 219)  
}
```

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(222, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 215, 219) }
```

Border

The CSS property to change the border of an element to Yxy 69.2449, 0.3151, 0.3246 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(222, 215, 219) }
```

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

```
.border{ border-color:rgb(222, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 215,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2449, 0.3151, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 215, 219) }
```

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

```
.background{ background-color: rgb(222,  
215, 219) }
```

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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