

Converting Colors

Yxy(68.1182, 0.3144, 0.3179)

Have a look what the booklet for
Yxy(68.1182, 0.3144, 0.3179)
contains.

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Color

Yxy(68.2082, 0.3147, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	E0D4DE
RGB	224, 212, 222
RGB Percent	88%, 83%, 87%
CMY	0.1214, 0.1687, 0.1293
CMYK	0.00, 0.05, 0.01, 0.12
HSL	310°, 16%, 85%
HSV	310°, 5%, 88%
XYZ	67.4792, 68.2082, 78.7364
YIQ	216.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

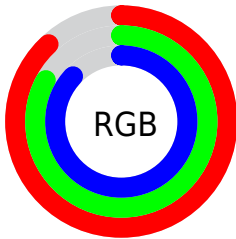
Format	Color
R_{YB}	224, 212, 222
Decimal	14734558
CIE Lab	86.11, 5.92, -3.46
CIE LCh	86, 6.855, 329.655
Yxy	68.2082, 0.3147, 0.3181
Android (android.graphics.Color)	4292924638 (0xFFE0D4DE)
YUV	216.7280, 2.5991, 6.3775
Hunter-Lab	82.5883, 1.3149, 1.2870

Details

The Yxy color **68.2082, 0.3147, 0.3181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1798, 0.3108, 0.3401**, and the grayscale version is **69.1773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3390, 0.3153, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **57.5795, 0.3188, 0.2972**, and if you desaturate by 10%, it is **80.4013, 0.3111, 0.3381**.

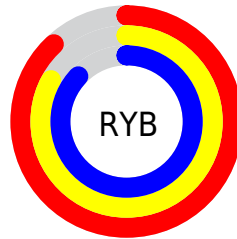
Distribution



Red (88%)

Green (83%)

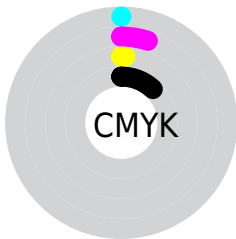
Blue (87%)



Red (88%)

Yellow (83%)

Blue (87%)

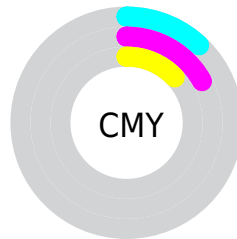


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2082, 0.3147, 0.3181 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 68.2082, 0.3147, 0.3181 by changing the saturation by 10% instead.

■ 68.2082, 0.3147,
0.3181

■ 68.2082, 0.3147,
0.3181

454.2333, 0.3138,
0.3232

■ 50.0671, 0.3149,
0.3169

116.6499, 0.3144,
0.3199

■ 35.4667, 0.3152,
0.3155

147.7194, 0.3143,
0.3205

■ 24.0226, 0.3155,
0.3137

183.8671, 0.3142,
0.3211

■ 15.3504, 0.3159,
0.3113

225.4775, 0.3141,
0.3217

■ 9.0657, 0.3164,
0.3080

272.9349, 0.3140,
0.3221

■ 4.7840, 0.3172,
0.3032

326.6237, 0.3139,

■ 2.1211, 0.3185,

0.3225

0.2955

386.9284, 0.3139,
0.3229

0.6765, 0.3224,
0.2769

0.0000, 0.0000,
0.0000

68.2082, 0.3147,
0.3181

68.2082, 0.3147,
0.3181

57.5795, 0.3188,
0.2972

80.4013, 0.3111,
0.3381

48.4426, 0.3235,
0.2758

93.0568, 0.3081,
0.3552

40.7325, 0.3288,
0.2547

93.2678, 0.3060,
0.3513

34.3759, 0.3345,
0.2345

93.4833, 0.3040,
0.3474

29.2930, 0.3407,
0.2164

93.7034, 0.3019,
0.3436

25.3955, 0.3472,
0.2011

93.9280, 0.2998,
0.3397

22.5840, 0.3536,
0.1898

94.1572, 0.2978,
0.3359

20.7427, 0.3600,
0.1829

94.3910, 0.2958,
0.3321

19.7296, 0.3660,
0.1805

94.5926, 0.2941,
0.3289

Harmonies

Analogous

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



68.2082, 0.3063, 0.3149



68.2082, 0.3147, 0.3181



68.2082, 0.3227, 0.3241

Triad

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



68.2082, 0.3147, 0.3181



68.2082, 0.3259, 0.3428



68.2082, 0.2976, 0.3262

Complementary

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



68.2082, 0.3147, 0.3181



72.1798, 0.3108, 0.3401

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.



68.2082, 0.3028, 0.3339



68.2082, 0.3147, 0.3181



68.2082, 0.3191, 0.3436

Square

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



68.2082, 0.3147, 0.3181



68.2082, 0.3292, 0.3383



68.2082, 0.3106, 0.3403



68.2082, 0.2965, 0.3194

Rectangle

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



68.2082, 0.3147, 0.3181



68.2082, 0.3267, 0.3290



68.2082, 0.3106, 0.3403



68.2082, 0.2990, 0.3288

Sweetspot

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



68.2111, 0.3147, 0.3181



96.7346, 0.3134, 0.3250



66.7324, 0.3059, 0.3156



20.7394, 0.3134, 0.3252



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.



68.2111, 0.3147, 0.3181



90.4608, 0.3150, 0.3167



67.9042, 0.3187, 0.3244



14.5737, 0.3152, 0.3156



11.3209, 0.3678, 0.1800



0.7952, 0.3594, 0.1753

Inverse Universe

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



68.2111, 0.3147, 0.3181



90.4608, 0.3150, 0.3167



72.4827, 0.3071, 0.3336



14.5737, 0.3152, 0.3156



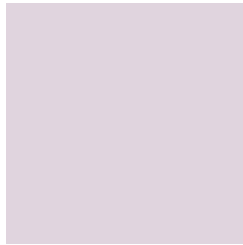
11.3209, 0.3678, 0.1800



0.7952, 0.3594, 0.1753

Previews

White Background



This preview shows how the Yxy color 68.2082, 0.3147, 0.3181 looks on a white background.

Color Contrast Check

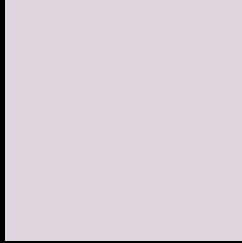
Large Text (above 18pt) WCAG AA × Fail

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 68.2082, 0.3147, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

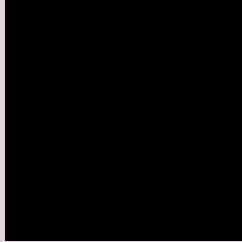
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

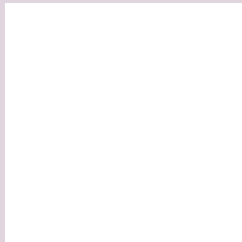
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2082, 0.3147, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 68.2082, 0.3147, 0.3181.

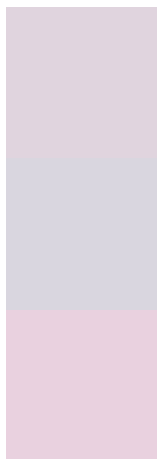


This preview shows how white text looks on a background with the Yxy color 68.2082, 0.3147, 0.3181.

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

68.2082, 0.3147, 0.3181

Protanopia

68.1726, 0.3088, 0.3191

Deuteranopia

68.2523, 0.3209, 0.3141



Tritanopia

68.1975, 0.3114, 0.3107

Trichromacy



Original Color

68.2082, 0.3147, 0.3181

Protanomaly

68.1319, 0.3110, 0.3181

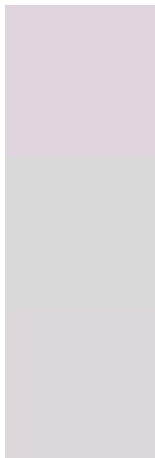
Deuteranomaly

68.2439, 0.3186, 0.3151

Tritanomaly

68.0871, 0.3127, 0.3128

Monochromacy



Original Color

68.2082, 0.3147, 0.3181

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.9310, 0.3136, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2082, 0.3147, 0.3181 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, 212, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 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, 212, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 222) }
```

Border

The CSS property to change the border of an element to Yxy 68.2082, 0.3147, 0.3181 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, 212, 222) }
```

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

```
.border{ border-color:rgb(224, 212, 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, 212, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 222);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2082, 0.3147, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 222) }
```

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

```
.background{ background-color: rgb(224,  
212, 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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