

Converting Colors

Yxy(68.7380, 0.3134, 0.3173)

Have a look what the booklet for
Yxy(68.7380, 0.3134, 0.3173)
contains.

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Color

Yxy(68.8176, 0.3133, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	E0D5E0
RGB	224, 213, 224
RGB Percent	88%, 84%, 88%
CMY	0.1215, 0.1647, 0.1216
CMYK	0.00, 0.05, 0.00, 0.12
HSL	300°, 15%, 86%
HSV	300°, 5%, 88%
XYZ	67.9929, 68.8176, 80.2112
YIQ	217.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

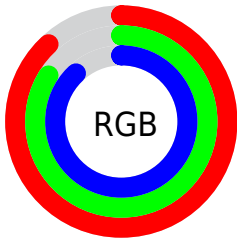
Format	Color
R _Y B	224, 213, 224
Decimal	14734816
CIE Lab	86.41, 5.74, -4.05
CIE LCh	86, 7.026, 324.756
Yxy	68.8176, 0.3133, 0.3171
Android (android.graphics.Color)	4292924896 (0xFFE0D5E0)
YUV	217.5430, 3.1833, 5.6628
Hunter-Lab	82.9564, 1.1290, 0.7414

Details

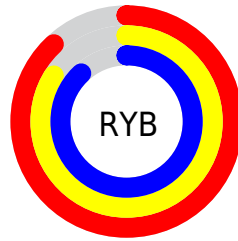
The Yxy color **68.8176, 0.3133, 0.3171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2759, 0.3121, 0.3412**, and the grayscale version is **69.7594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7533, 0.3134, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **58.3146, 0.3145, 0.2924**, and if you desaturate by 10%, it is **80.8832, 0.3121, 0.3410**.

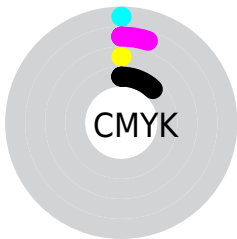
Distribution



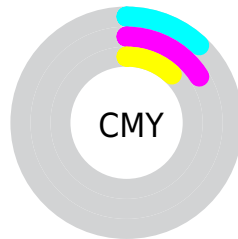
- Red (88%)
- Green (84%)
- Blue (88%)



- Red (88%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)




- Cyan (12%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8176, 0.3133, 0.3171 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 68.8176, 0.3133, 0.3171 by changing the saturation by 10% instead.


 68.8176, 0.3133,
0.3171

 68.8176, 0.3133,
0.3171


456.3874, 0.3131,
0.3226

 50.5632, 0.3134,
0.3158

117.5210, 0.3132,
0.3190

 35.8611, 0.3134,
0.3143


148.7388, 0.3132,
0.3198

 24.3269, 0.3135,
0.3123


185.0465, 0.3132,
0.3204

 15.5763, 0.3136,
0.3097

226.8285, 0.3131,
0.3210

 9.2248, 0.3137,
0.3061

274.4692, 0.3131,
0.3215

 4.8881, 0.3138,
0.3009

328.3530, 0.3131,

 2.1818, 0.3140,

0.3219

0.2928

388.8642, 0.3131,
0.3223

0.7100, 0.3153,
0.2747

0.0000, 0.0000,
0.0000

68.8176, 0.3133,
0.3171

68.8176, 0.3133,
0.3171

58.3146, 0.3145,
0.2924

80.8832, 0.3121,
0.3410

49.3018, 0.3158,
0.2674

92.7600, 0.3112,
0.3609

41.7145, 0.3170,
0.2430

92.7639, 0.3111,
0.3608

35.4797, 0.3181,
0.2201

92.7678, 0.3111,
0.3607

■ 30.5179, 0.3192,
0.1996

■ 92.7716, 0.3110,
0.3606

■ 26.7414, 0.3201,
0.1825

■ 92.7755, 0.3110,
0.3606

■ 24.0513, 0.3208,
0.1694

■ 92.7794, 0.3110,
0.3605

■ 22.3329, 0.3213,
0.1606

■ 92.7833, 0.3109,
0.3604

■ 21.4456, 0.3216,
0.1559

■ 92.7872, 0.3109,
0.3603

Harmonies

Analogous

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



68.8176, 0.3048, 0.3144



68.8176, 0.3133, 0.3171



68.8176, 0.3217, 0.3229

Triad

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



68.8176, 0.3133, 0.3171



68.8176, 0.3270, 0.3426



68.8176, 0.2979, 0.3274

Complementary

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



68.8176, 0.3133, 0.3171



72.2759, 0.3121, 0.3412

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.



68.8176, 0.3037, 0.3352



68.8176, 0.3133, 0.3171



68.8176, 0.3205, 0.3440

Square

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



68.8176, 0.3133, 0.3171



68.8176, 0.3297, 0.3375



68.8176, 0.3120, 0.3414



68.8176, 0.2960, 0.3202

Rectangle

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



68.8176, 0.3133, 0.3171



68.8176, 0.3261, 0.3278



68.8176, 0.3120, 0.3414



68.8176, 0.2995, 0.3301

Sweetspot

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



68.8206, 0.3133, 0.3171



98.3833, 0.3128, 0.3266



67.1175, 0.3053, 0.3168



21.0751, 0.3128, 0.3267



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.



68.8206, 0.3133, 0.3171



90.6205, 0.3134, 0.3144



68.5282, 0.3171, 0.3230



14.6021, 0.3135, 0.3130



12.3347, 0.3217, 0.1546



0.8552, 0.3216, 0.1545

Inverse Universe

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



68.8206, 0.3133, 0.3171



90.6205, 0.3134, 0.3144



72.5588, 0.3086, 0.3351



14.6021, 0.3135, 0.3130



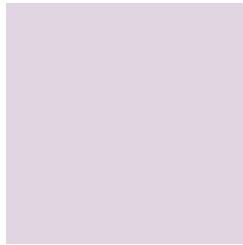
12.3347, 0.3217, 0.1546



0.8552, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 68.8176, 0.3133, 0.3171 looks on a white background.

Color Contrast Check

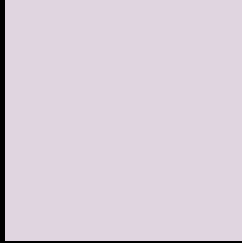
Large Text (above 18pt) WCAG AA × Fail

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 68.8176, 0.3133, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

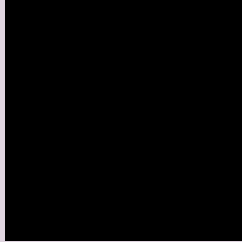
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

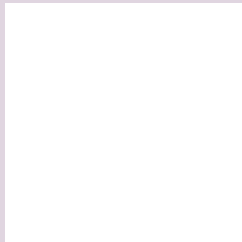
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8176, 0.3133, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 68.8176, 0.3133, 0.3171.

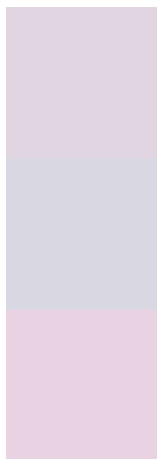


This preview shows how white text looks on a background with the Yxy color 68.8176, 0.3133, 0.3171.

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

68.8176, 0.3133, 0.3171

Protanopia

68.7888, 0.3075, 0.3180

Deuteranopia

68.8531, 0.3194, 0.3131



Tritanopia

68.7517, 0.3107, 0.3107

Trichromacy



Original Color

68.8176, 0.3133, 0.3171

Protanomaly

68.7450, 0.3097, 0.3170

Deuteranomaly

68.8478, 0.3171, 0.3141

Tritanomaly

68.6406, 0.3120, 0.3128

Monochromacy



Original Color

68.8176, 0.3133, 0.3171

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4947, 0.3129, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8176, 0.3133, 0.3171 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, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 224)  
}
```

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, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 224) }
```

Border

The CSS property to change the border of an element to Yxy 68.8176, 0.3133, 0.3171 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, 213, 224) }
```

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

```
.border{ border-color:rgb(224, 213, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 213, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8176, 0.3133, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 224) }
```

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

```
.background{ background-color: rgb(224,  
213, 224) }
```

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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