

Converting Colors

Yxy(67.8594, 0.3136, 0.3147)

Have a look what the booklet for
Yxy(67.8594, 0.3136, 0.3147)
contains.

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Color

Yxy(67.8176, 0.3134, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	E0D3E0
RGB	224, 211, 224
RGB Percent	88%, 83%, 88%
CMY	0.1215, 0.1726, 0.1216
CMYK	0.00, 0.06, 0.00, 0.12
HSL	300°, 17%, 85%
HSV	300°, 6%, 88%
XYZ	67.4946, 67.8176, 80.0502
YIQ	216.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

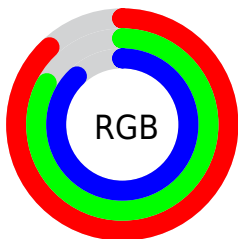
Format	Color
R _Y B	224, 211, 224
Decimal	14734304
CIE Lab	85.92, 6.79, -4.79
CIE LCh	86, 8.312, 324.789
Yxy	67.8176, 0.3134, 0.3149
Android (android.graphics.Color)	4292924384 (0xFFE0D3E0)
YUV	216.3690, 3.7621, 6.6924
Hunter-Lab	82.3514, 2.1821, 0.0128

Details

The Yxy color **67.8176, 0.3134, 0.3149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8788, 0.3120, 0.3435**, and the grayscale version is **68.9097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4135, 0.3135, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **57.4515, 0.3146, 0.2901**, and if you desaturate by 10%, it is **79.7408, 0.3122, 0.3389**.

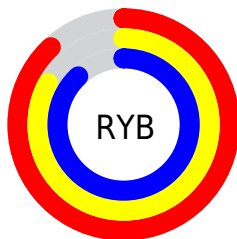
Distribution



Red (88%)

Green (83%)

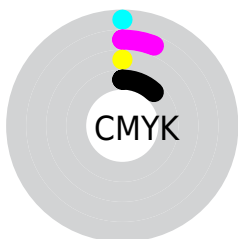
Blue (88%)



Red (88%)

Yellow (83%)

Blue (88%)

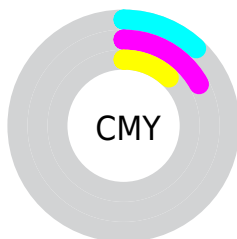


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8176, 0.3134, 0.3149 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 67.8176, 0.3134, 0.3149 by changing the saturation by 10% instead.

67.8176, 0.3134,
0.3149

67.8176, 0.3134,
0.3149

452.8495, 0.3131,
0.3215

49.7494, 0.3135,
0.3134

116.0912, 0.3133,
0.3172

35.2143, 0.3135,
0.3115

147.0653, 0.3133,
0.3181

23.8280, 0.3136,
0.3092

183.1101, 0.3132,
0.3188

15.2061, 0.3137,
0.3061

224.6102, 0.3132,
0.3195

8.9641, 0.3138,
0.3018

271.9497, 0.3132,
0.3201

4.7178, 0.3139,
0.2957

325.5132, 0.3132,

2.0827, 0.3141,

0.3206

0.2859

385.6850, 0.3131,
0.3210

0.6548, 0.3161,
0.2626

0.0000, 0.0000,
0.0000

67.8176, 0.3134,
0.3149

67.8176, 0.3134,
0.3149

57.4515, 0.3146,
0.2901

79.7408, 0.3122,
0.3389

48.5699, 0.3158,
0.2651


92.7589, 0.3112,
0.3609


41.1075, 0.3170,
0.2408


92.7618, 0.3111,
0.3608

34.9908, 0.3182,
0.2180


92.7646, 0.3111,
0.3608

 30.1397, 0.3192,
0.1978


 92.7675, 0.3111,
0.3607


 26.4655, 0.3200,
0.1810


 92.7703, 0.3111,
0.3607


 23.8683, 0.3207,
0.1683

 92.7732, 0.3110,
0.3606

 22.2315, 0.3212,
0.1599

 92.7760, 0.3110,
0.3606

 21.4111, 0.3214,
0.1556

 92.7789, 0.3110,
0.3605

Harmonies

Analogous

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



67.8176, 0.3033, 0.3117



67.8176, 0.3134, 0.3149



67.8176, 0.3234, 0.3217

Triad

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



67.8176, 0.3134, 0.3149



67.8176, 0.3297, 0.3451



67.8176, 0.2951, 0.3271

Complementary

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



67.8176, 0.3134, 0.3149



71.8788, 0.3120, 0.3435

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.



67.8176, 0.3020, 0.3364



67.8176, 0.3134, 0.3149



67.8176, 0.3220, 0.3469

Square

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



67.8176, 0.3134, 0.3149



67.8176, 0.3329, 0.3391



67.8176, 0.3118, 0.3437



67.8176, 0.2929, 0.3185

Rectangle

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



67.8176, 0.3134, 0.3149



67.8176, 0.3287, 0.3275



67.8176, 0.3118, 0.3437



67.8176, 0.2970, 0.3303

Sweetspot

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



67.8205, 0.3134, 0.3149



96.7883, 0.3130, 0.3242



65.8191, 0.3039, 0.3144



20.7503, 0.3129, 0.3244



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.



67.8205, 0.3134, 0.3149



89.1326, 0.3135, 0.3119



67.4754, 0.3179, 0.3219



14.3768, 0.3136, 0.3106



12.3406, 0.3215, 0.1545



0.8556, 0.3214, 0.1544

Inverse Universe

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



67.8205, 0.3134, 0.3149



89.1326, 0.3135, 0.3119



72.2107, 0.3078, 0.3362



14.3768, 0.3136, 0.3106



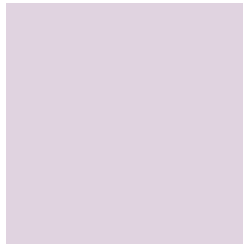
12.3406, 0.3215, 0.1545



0.8556, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 67.8176, 0.3134, 0.3149 looks on a white background.

Color Contrast Check

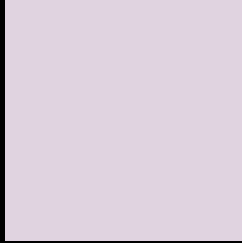
Large Text (above 18pt) WCAG AA × Fail

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 67.8176, 0.3134, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

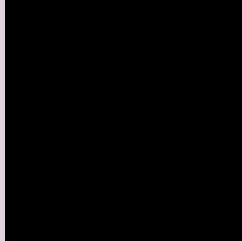
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

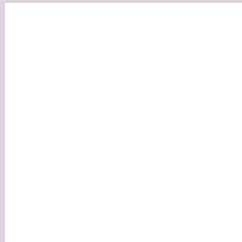
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8176, 0.3134, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 67.8176, 0.3134, 0.3149.

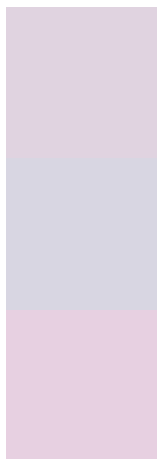


This preview shows how white text looks on a background with the Yxy color 67.8176, 0.3134, 0.3149.

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

67.8176, 0.3134, 0.3149

Protanopia

68.1831, 0.3061, 0.3158

Deuteranopia

67.5369, 0.3180, 0.3108



Tritanopia

67.9819, 0.3113, 0.3117

Trichromacy



Original Color

67.8176, 0.3134, 0.3149

Protanomaly

68.0848, 0.3090, 0.3159

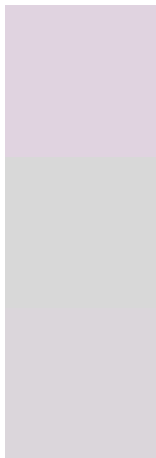
Deuteranomaly

67.5312, 0.3158, 0.3118

Tritanomaly

67.9268, 0.3120, 0.3128

Monochromacy



Original Color

67.8176, 0.3134, 0.3149

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.2677, 0.3130, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8176, 0.3134, 0.3149 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, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 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, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 224) }
```

Border

The CSS property to change the border of an element to Yxy 67.8176, 0.3134, 0.3149 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, 211, 224) }
```

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

```
.border{ border-color:rgb(224, 211, 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, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8176, 0.3134, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 224) }
```

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

```
.background{ background-color: rgb(224,  
211, 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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