

Converting Colors

$Yxy(69.7656, 0.3035, 0.3120)$

Have a look what the booklet for
Yxy(69.7656, 0.3035, 0.3120)
contains.

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Color

Yxy(69.8434, 0.3036, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	DAD8E8
RGB	218, 216, 232
RGB Percent	85%, 85%, 91%
CMY	0.1449, 0.1530, 0.0901
CMYK	0.06, 0.07, 0.00, 0.09
HSL	248°, 26%, 88%
HSV	248°, 7%, 91%
XYZ	68.0502, 69.8434, 86.2508
YIQ	218.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

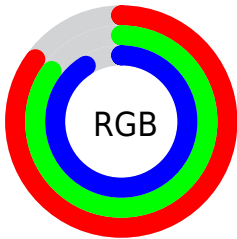
Format	Color
R _Y B	218, 216, 232
Decimal	14342376
CIE Lab	86.92, 3.68, -7.61
CIE LCh	87, 8.449, 295.826
Yxy	69.8434, 0.3036, 0.3116
Android (android.graphics.Color)	4292532456 (0xFFDAD8E8)
YUV	218.4220, 6.6940, -0.3701
Hunter-Lab	83.5724, -0.9049, -2.6895

Details

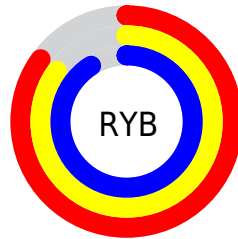
The Yxy color **69.8434, 0.3036, 0.3116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.4936, 0.3215, 0.3460**, and the grayscale version is **70.3802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4109, 0.3016, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **55.8592, 0.2888, 0.2838**, and if you desaturate by 10%, it is **85.8914, 0.3165, 0.3363**.

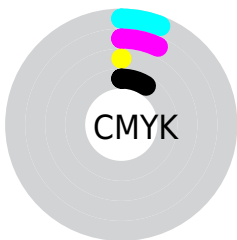
Distribution



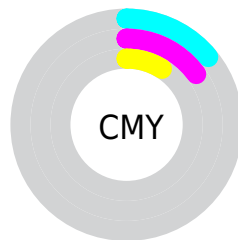
- Red (85%)
- Green (85%)
- Blue (91%)



- Red (85%)
- Yellow (85%)
- Blue (91%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8434, 0.3036, 0.3116 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 69.8434, 0.3036, 0.3116 by changing the saturation by 10% instead.

■ 69.8434, 0.3036,
0.3116

■ 69.8434, 0.3036,
0.3116

460.0000, 0.3079,
0.3197

■ 51.3989, 0.3026,
0.3098

118.9854, 0.3051,
0.3144

■ 36.5262, 0.3014,
0.3075

150.4517, 0.3057,
0.3155

■ 24.8408, 0.2998,
0.3046

187.0273, 0.3062,
0.3164

■ 15.9585, 0.2977,
0.3008

229.0967, 0.3066,
0.3172

■ 9.4948, 0.2949,
0.2957

277.0443, 0.3070,
0.3179

■ 5.0653, 0.2907,
0.2883

331.2544, 0.3073,

■ 2.2856, 0.2840,

0.3186

0.2767

392.1115, 0.3076,
0.3191

0.7661, 0.2719,
0.2547

0.0000, 0.0000,
0.0000

69.8434, 0.3036,
0.3116

69.8434, 0.3036,
0.3116

55.8592, 0.2888,
0.2838

85.8914, 0.3165,
0.3363

43.8463, 0.2720,
0.2530

98.6072, 0.3262,
0.3512

33.7185, 0.2535,
0.2198

25.3796, 0.2339,
0.1853

■ 18.7249, 0.2139,
0.1513

■ 13.6389, 0.1948,
0.1201

■ 9.9912, 0.1780,
0.0941

■ 7.6299, 0.1649,
0.0753

■ 6.3635, 0.1561,
0.0646

Harmonies

Analogous

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



69.8434, 0.2960, 0.3127



69.8434, 0.3036, 0.3116



69.8434, 0.3138, 0.3150

Triad

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



69.8434, 0.3036, 0.3116



69.8434, 0.3330, 0.3394



69.8434, 0.3016, 0.3361

Complementary

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



69.8434, 0.3036, 0.3116



79.4936, 0.3215, 0.3460

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.



69.8434, 0.3114, 0.3436



69.8434, 0.3036, 0.3116



69.8434, 0.3296, 0.3454

Square

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



69.8434, 0.3036, 0.3116



69.8434, 0.3309, 0.3308



69.8434, 0.3217, 0.3470



69.8434, 0.2949, 0.3268

Rectangle

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



69.8434, 0.3036, 0.3116



69.8434, 0.3206, 0.3193



69.8434, 0.3217, 0.3470



69.8434, 0.3047, 0.3390

Sweetspot

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



69.8464, 0.3036, 0.3116



95.9569, 0.3102, 0.3241



77.0996, 0.3020, 0.3270



20.5811, 0.3103, 0.3243



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.



69.8464, 0.3036, 0.3116



84.4544, 0.3020, 0.3086



71.0793, 0.3091, 0.3119



13.9762, 0.3000, 0.3048



3.4182, 0.1550, 0.0628



0.2817, 0.1654, 0.0685

Inverse Universe

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



71.9727, 0.3149, 0.3143



87.4988, 0.3153, 0.3119



78.2307, 0.3161, 0.3462



14.5814, 0.3158, 0.3088



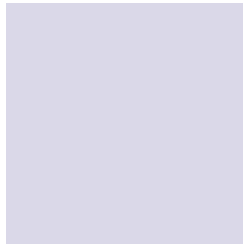
11.9032, 0.3565, 0.1737



0.8886, 0.3505, 0.1705

Previews

White Background



This preview shows how the Yxy color 69.8434, 0.3036, 0.3116 looks on a white background.

Color Contrast Check

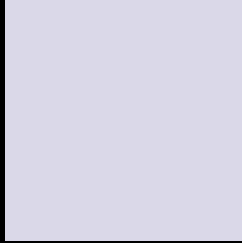
Large Text (above 18pt) WCAG AA × Fail

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 69.8434, 0.3036, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

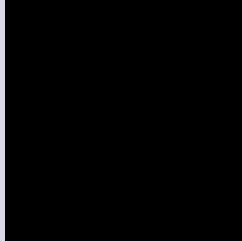
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

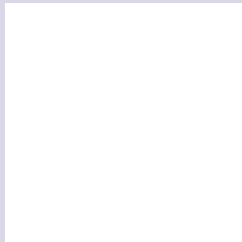
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8434, 0.3036, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 69.8434, 0.3036, 0.3116.

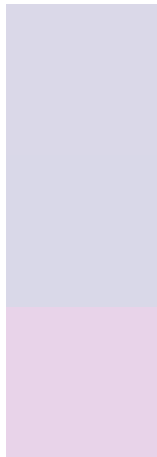


This preview shows how white text looks on a background with the Yxy color 69.8434, 0.3036, 0.3116.

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

69.8434, 0.3036, 0.3116

Protanopia

69.6896, 0.3029, 0.3116

Deuteranopia

69.6275, 0.3131, 0.3058



Tritanopia

69.9004, 0.3029, 0.3106

Trichromacy



Original Color

69.8434, 0.3036, 0.3116

Protanomaly

69.6896, 0.3029, 0.3116

Deuteranomaly

69.8026, 0.3094, 0.3077

Tritanomaly

69.9004, 0.3029, 0.3106

Monochromacy



Original Color

69.8434, 0.3036, 0.3116

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8588, 0.3094, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8434, 0.3036, 0.3116 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(218, 216, 232) looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 232)  
}
```

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(218, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 232) }
```

Border

The CSS property to change the border of an element to Yxy 69.8434, 0.3036, 0.3116 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(218, 216, 232) }
```

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

```
.border{ border-color:rgb(218, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8434, 0.3036, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 232) }
```

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

```
.background{ background-color: rgb(218,  
216, 232) }
```

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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