

Converting Colors

Yxy(68.4990, 0.3030, 0.3104)

Have a look what the booklet for
Yxy(68.4990, 0.3030, 0.3104)
contains.

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Color

Yxy(68.4616, 0.3028, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6E7
RGB	216, 214, 231
RGB Percent	85%, 84%, 91%
CMY	0.1530, 0.1607, 0.0940
CMYK	0.07, 0.07, 0.00, 0.09
HSL	247°, 26%, 87%
HSV	247°, 7%, 91%
XYZ	66.7853, 68.4616, 85.3123
YIQ	216.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

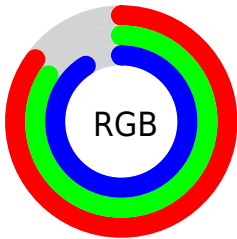
Format	Color
R _Y B	216, 214, 231
Decimal	14210791
CIE Lab	86.24, 3.84, -8.11
CIE LCh	86, 8.972, 295.321
Yxy	68.4616, 0.3028, 0.3104
Android (android.graphics.Color)	4292400871 (0xFFD8D6E7)
YUV	216.5360, 7.1308, -0.4701
Hunter-Lab	82.7415, -0.7203, -3.2131

Details

The Yxy color **68.4616, 0.3028, 0.3104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.6891, 0.3222, 0.3471**, and the grayscale version is **69.0065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4685, 0.3006, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **54.6660, 0.2876, 0.2824**, and if you desaturate by 10%, it is **84.3086, 0.3160, 0.3352**.

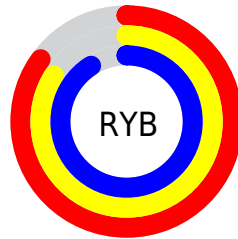
Distribution



Red (85%)

Green (84%)

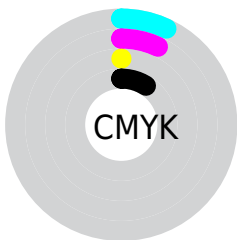
Blue (91%)



Red (85%)

Yellow (84%)

Blue (91%)

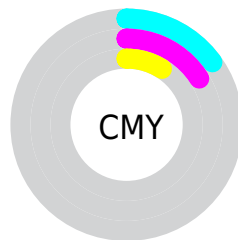


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4616, 0.3028, 0.3104 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 68.4616, 0.3028, 0.3104 by changing the saturation by 10% instead.

■ 68.4616, 0.3028,
0.3104

■ 68.4616, 0.3028,
0.3104

455.1298, 0.3075,
0.3190

■ 50.2734, 0.3017,
0.3084

117.0123, 0.3044,
0.3134

■ 35.6306, 0.3004,
0.3060

148.1435, 0.3051,
0.3146

■ 24.1491, 0.2986,
0.3029

184.3578, 0.3056,
0.3156

■ 15.4442, 0.2964,
0.2988

226.0396, 0.3061,
0.3164

■ 9.1318, 0.2932,
0.2932

273.5733, 0.3065,
0.3172

■ 4.8272, 0.2886,
0.2852

327.3433, 0.3069,

■ 2.1462, 0.2811,

0.3179

0.2725

387.7340, 0.3072,
0.3185

0.6904, 0.2674,
0.2462

0.0000, 0.0000,
0.0000

68.4616, 0.3028,
0.3104

68.4616, 0.3028,
0.3104

54.6660, 0.2876,
0.2824

84.3086, 0.3160,
0.3352

42.8296, 0.2705,
0.2514

98.5509, 0.3268,
0.3522

32.8658, 0.2517,
0.2180

24.6783, 0.2318,
0.1833

■ 18.1623, 0.2116,
0.1493

■ 13.2017, 0.1926,
0.1181

■ 9.6656, 0.1760,
0.0924

■ 7.4013, 0.1633,
0.0741

■ 6.2104, 0.1550,
0.0638

Harmonies

Analogous

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



68.4616, 0.2947, 0.3116



68.4616, 0.3028, 0.3104



68.4616, 0.3136, 0.3140

Triad

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



68.4616, 0.3028, 0.3104



68.4616, 0.3345, 0.3399



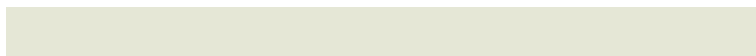
68.4616, 0.3010, 0.3368

Complementary

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



68.4616, 0.3028, 0.3104



78.6891, 0.3222, 0.3471

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.



68.4616, 0.3115, 0.3448



68.4616, 0.3028, 0.3104



68.4616, 0.3309, 0.3464

Square

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



68.4616, 0.3028, 0.3104



68.4616, 0.3321, 0.3308



68.4616, 0.3225, 0.3483



68.4616, 0.2937, 0.3267

Rectangle

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



68.4616, 0.3028, 0.3104



68.4616, 0.3210, 0.3185



68.4616, 0.3225, 0.3483



68.4616, 0.3043, 0.3398

Sweetspot

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



68.4645, 0.3028, 0.3104



95.9433, 0.3101, 0.3241



76.2860, 0.3013, 0.3271



20.5783, 0.3102, 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.



68.4645, 0.3028, 0.3104



82.5717, 0.3004, 0.3059



69.7521, 0.3087, 0.3107



13.9663, 0.2998, 0.3048



3.3893, 0.1542, 0.0623



0.2769, 0.1638, 0.0676

Inverse Universe

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



70.7525, 0.3149, 0.3131



86.0522, 0.3154, 0.3094



77.3641, 0.3165, 0.3474



14.5851, 0.3155, 0.3085



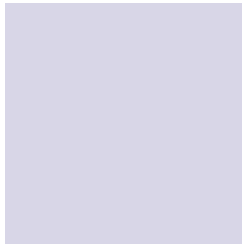
11.9903, 0.3522, 0.1714



0.8942, 0.3470, 0.1685

Previews

White Background



This preview shows how the Yxy color 68.4616, 0.3028, 0.3104 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 68.4616, 0.3028, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

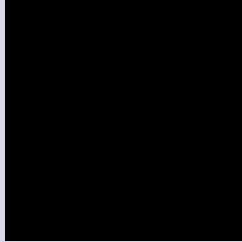
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

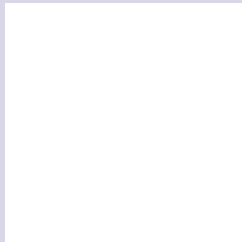
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4616, 0.3028, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 68.4616, 0.3028, 0.3104.

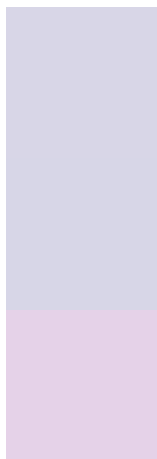


This preview shows how white text looks on a background with the Yxy color 68.4616, 0.3028, 0.3104.

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

68.4616, 0.3028, 0.3104

Protanopia

68.3097, 0.3021, 0.3104

Deuteranopia

68.5774, 0.3116, 0.3056



Tritanopia

68.4616, 0.3028, 0.3104

Trichromacy



Original Color

68.4616, 0.3028, 0.3104

Protanomaly

68.3097, 0.3021, 0.3104

Deuteranomaly

68.2620, 0.3079, 0.3064

Tritanomaly

68.4616, 0.3028, 0.3104

Monochromacy



Original Color

68.4616, 0.3028, 0.3104

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1374, 0.3094, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4616, 0.3028, 0.3104 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(216, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 231)  
}
```

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(216, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 231) }
```

Border

The CSS property to change the border of an element to Yxy 68.4616, 0.3028, 0.3104 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(216, 214, 231) }
```

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

```
.border{ border-color:rgb(216, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4616, 0.3028, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 231) }
```

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

```
.background{ background-color: rgb(216,  
214, 231) }
```

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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