

Converting Colors

Yxy(70.4116, 0.3022, 0.3150)

Have a look what the booklet for
Yxy(70.4116, 0.3022, 0.3150)
contains.

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Color

Yxy(70.3594, 0.3021, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	D7DAE7
RGB	215, 218, 231
RGB Percent	84%, 85%, 91%
CMY	0.1568, 0.1451, 0.0941
CMYK	0.07, 0.06, 0.00, 0.09
HSL	229°, 25%, 87%
HSV	229°, 7%, 91%
XYZ	67.5209, 70.3594, 85.6248
YIQ	218.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

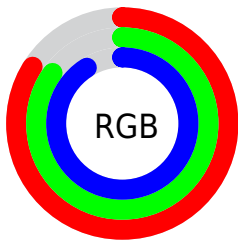
Format	Color
R _Y B	215, 218, 231
Decimal	14146279
CIE Lab	87.17, 1.43, -6.72
CIE LCh	87, 6.871, 281.997
Yxy	70.3594, 0.3021, 0.3148
Android (android.graphics.Color)	4292336359 (0xFFD7DAE7)
YUV	218.5850, 6.1206, -3.1440
Hunter-Lab	83.8805, -3.1046, -1.8066

Details

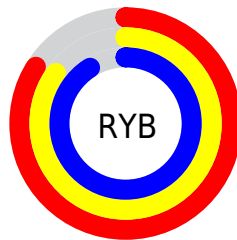
The Yxy color **70.3594, 0.3021, 0.3148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.3869, 0.3232, 0.3428**, and the grayscale version is **70.4984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7631, 0.2997, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **57.9168, 0.2855, 0.2920**, and if you desaturate by 10%, it is **84.4045, 0.3172, 0.3349**.

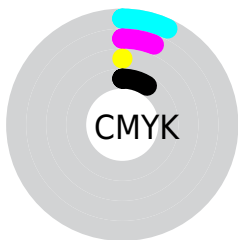
Distribution



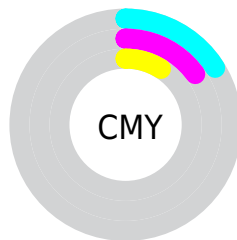
- Red (84%)
- Green (85%)
- Blue (91%)



- Red (84%)
- Yellow (85%)
- Blue (91%)



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



- Cyan (16%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3594, 0.3021, 0.3148 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 70.3594, 0.3021, 0.3148 by changing the saturation by 10% instead.

■ 70.3594, 0.3021,
0.3148

■ 70.3594, 0.3021,
0.3148

461.8109, 0.3070,
0.3214

■ 51.8196, 0.3010,
0.3133

119.7211, 0.3038,
0.3171

■ 36.8613, 0.2995,
0.3114

151.3119, 0.3045,
0.3180

■ 25.1001, 0.2978,
0.3091

188.0217, 0.3051,
0.3187

■ 16.1517, 0.2954,
0.3059

230.2350, 0.3056,
0.3194

■ 9.6315, 0.2921,
0.3017

278.3361, 0.3060,
0.3200

■ 5.1553, 0.2874,
0.2955

332.7096, 0.3064,

■ 2.3387, 0.2799,

0.3205

0.2858

393.7397, 0.3067,
0.3210

■ 0.7941, 0.2661,
0.2676

■ 0.0000, 0.0000,
0.0000

■ 70.3594, 0.3021,
0.3148

■ 70.3594, 0.3021,
0.3148

■ 57.9168, 0.2855,
0.2920

■ 84.4045, 0.3172,
0.3349

■ 47.0105, 0.2674,
0.2666

■ 98.5497, 0.3268,
0.3522

■ 37.5830, 0.2482,
0.2387

■ 29.5696, 0.2286,
0.2089

■ 22.9005, 0.2092,
0.1784

■ 17.5002, 0.1912,
0.1485

■ 13.2851, 0.1758,
0.1211

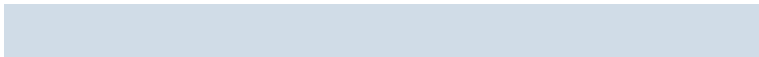
■ 10.1609, 0.1639,
0.0978

■ 8.0158, 0.1562,
0.0802

Harmonies

Analogous

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



70.3594, 0.2974, 0.3174



70.3594, 0.3021, 0.3148



70.3594, 0.3097, 0.3159

Triad

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



70.3594, 0.3021, 0.3148



70.3594, 0.3289, 0.3344



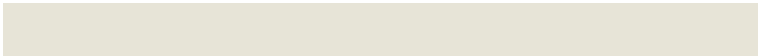
70.3594, 0.3072, 0.3379

Complementary

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



70.3594, 0.3021, 0.3148



77.3869, 0.3232, 0.3428

Split Complementary

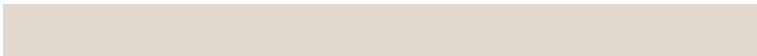
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3594, 0.3156, 0.3426



70.3594, 0.3021, 0.3148



70.3594, 0.3282, 0.3404

Square

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



70.3594, 0.3021, 0.3148



70.3594, 0.3252, 0.3271



70.3594, 0.3233, 0.3435



70.3594, 0.3003, 0.3308

Rectangle

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



70.3594, 0.3021, 0.3148



70.3594, 0.3154, 0.3186



70.3594, 0.3233, 0.3435



70.3594, 0.3099, 0.3398

Sweetspot

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



70.3624, 0.3021, 0.3148



96.4295, 0.3097, 0.3250



77.1925, 0.3039, 0.3324



20.6773, 0.3099, 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.



70.3624, 0.3021, 0.3148



86.2088, 0.3003, 0.3124



69.5595, 0.3055, 0.3117



14.3217, 0.2980, 0.3093



4.3465, 0.1550, 0.0780



0.4464, 0.1620, 0.1031

Inverse Universe

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



70.6560, 0.3224, 0.3258



86.6457, 0.3241, 0.3253



78.2623, 0.3196, 0.3461



14.4119, 0.3263, 0.3246



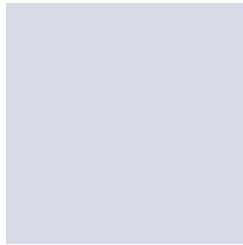
9.6365, 0.6102, 0.3135



0.7247, 0.5712, 0.2920

Previews

White Background



This preview shows how the Yxy color 70.3594, 0.3021, 0.3148 looks on a white background.

Color Contrast Check

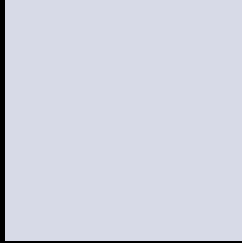
Large Text (above 18pt) WCAG AA × Fail

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 70.3594, 0.3021, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

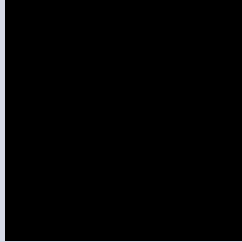
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

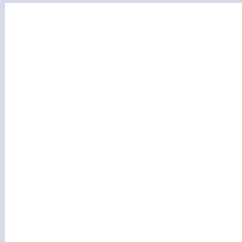
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3594, 0.3021, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 70.3594, 0.3021, 0.3148.

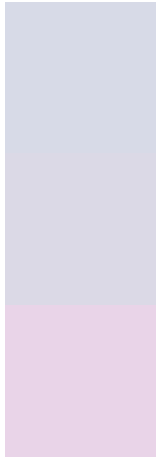


This preview shows how white text looks on a background with the Yxy color 70.3594, 0.3021, 0.3148.

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

70.3594, 0.3021, 0.3148

Protanopia

70.3989, 0.3056, 0.3149

Deuteranopia

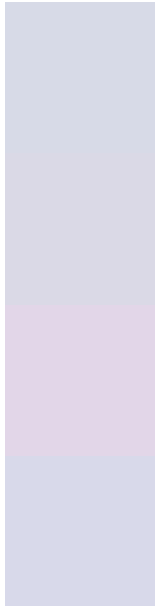
70.2368, 0.3144, 0.3080



Tritanopia

70.2228, 0.3002, 0.3095

Trichromacy



Original Color

70.3594, 0.3021, 0.3148

Protanomaly

70.2443, 0.3049, 0.3149

Deuteranomaly

70.0881, 0.3093, 0.3098

Tritanomaly

70.1652, 0.3009, 0.3105

Monochromacy



Original Color

70.3594, 0.3021, 0.3148

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8962, 0.3094, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3594, 0.3021, 0.3148 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(215, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 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(215, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 231) }
```

Border

The CSS property to change the border of an element to Yxy 70.3594, 0.3021, 0.3148 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(215, 218, 231) }
```

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

```
.border{ border-color:rgb(215, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3594, 0.3021, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 231) }
```

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

```
.background{ background-color: rgb(215,  
218, 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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