

Converting Colors

Yxy(74.8898, 0.3048, 0.3215)

Have a look what the booklet for
Yxy(74.8898, 0.3048, 0.3215)
contains.

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Color

Yxy(74.8923, 0.3048, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	DCE1E8
RGB	220, 225, 232
RGB Percent	86%, 88%, 91%
CMY	0.1373, 0.1176, 0.0902
CMYK	0.05, 0.03, 0.00, 0.09
HSL	215°, 21%, 89%
HSV	215°, 5%, 91%
XYZ	71.0021, 74.8923, 87.0521
YIQ	224.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

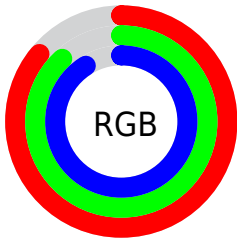
Format	Color
R _Y B	220, 224, 232
Decimal	14475752
CIE Lab	89.34, -0.38, -4.00
CIE LCh	89, 4.018, 264.506
Yxy	74.8923, 0.3048, 0.3215
Android (android.graphics.Color)	4292665832 (0xFFDCE1E8)
YUV	224.3030, 3.7946, -3.7737
Hunter-Lab	86.5403, -4.9951, 0.9376

Details

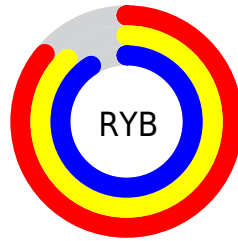
The Yxy color **74.8923, 0.3048, 0.3215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.2449, 0.3208, 0.3364**, and the grayscale version is **74.7448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8834, 0.3033, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **64.5119, 0.2888, 0.3057**, and if you desaturate by 10%, it is **86.3582, 0.3199, 0.3356**.

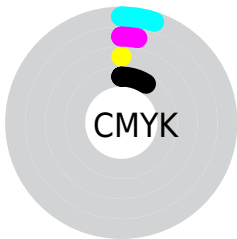
Distribution



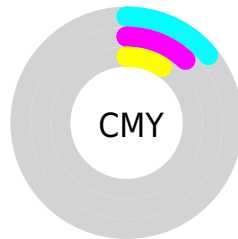
- Red (86%)
- Green (88%)
- Blue (91%)



- Red (86%)
- Yellow (88%)
- Blue (91%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8923, 0.3048, 0.3215 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 74.8923, 0.3048, 0.3215 by changing the saturation by 10% instead.

■ 74.8923, 0.3048,
0.3215

■ 74.8923, 0.3048,
0.3215

477.5473, 0.3084,
0.3250

■ 55.5247, 0.3040,
0.3207

126.1599, 0.3061,
0.3227

■ 39.8219, 0.3029,
0.3197

158.8286, 0.3066,
0.3232

■ 27.3997, 0.3017,
0.3185

196.6999, 0.3070,
0.3236

■ 17.8737, 0.3000,
0.3169

240.1580, 0.3073,
0.3239

■ 10.8593, 0.2977,
0.3147

289.5874, 0.3077,
0.3242

■ 5.9723, 0.2944,
0.3116

345.3725, 0.3080,

■ 2.8283, 0.2893,

0.3245

0.3067

407.8977, 0.3082,
0.3247

■ 1.0427, 0.2802,
0.2979

■ 0.0000, 0.0000,
0.0000

■ 74.8923, 0.3048,
0.3215

■ 74.8923, 0.3048,
0.3215

■ 64.5119, 0.2888,
0.3057

■ 86.3582, 0.3199,
0.3356

■ 55.1736, 0.2721,
0.2880

■ 96.7082, 0.3265,
0.3484

■ 46.8449, 0.2550,
0.2687

■ 98.6059, 0.3262,
0.3513

■ 39.4878, 0.2379,
0.2478

■ 33.0617, 0.2213,
0.2257

■ 27.5224, 0.2059,
0.2029

■ 22.8216, 0.1922,
0.1802

■ 18.9046, 0.1810,
0.1584

■ 15.7074, 0.1725,
0.1382

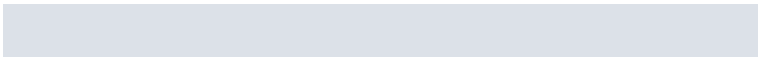
Harmonies

Analogous

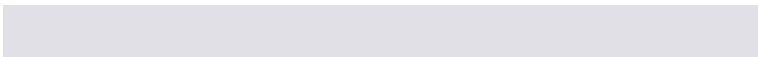
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8923, 0.3034, 0.3242



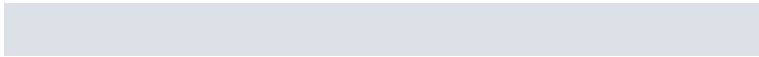
74.8923, 0.3048, 0.3215



74.8923, 0.3083, 0.3208

Triad

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



74.8923, 0.3048, 0.3215



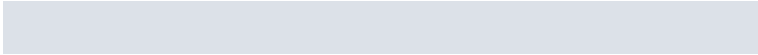
74.8923, 0.3210, 0.3297



74.8923, 0.3124, 0.3359

Complementary

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



74.8923, 0.3048, 0.3215



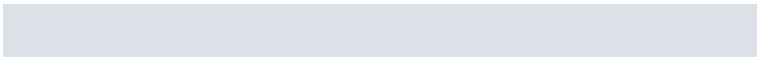
77.2449, 0.3208, 0.3364

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.



74.8923, 0.3171, 0.3373



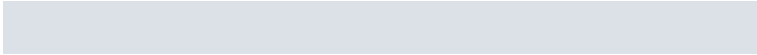
74.8923, 0.3048, 0.3215



74.8923, 0.3221, 0.3338

Square

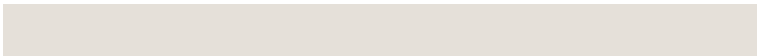
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8923, 0.3048, 0.3215



74.8923, 0.3177, 0.3256



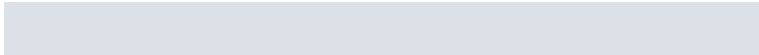
74.8923, 0.3207, 0.3365



74.8923, 0.3078, 0.3325

Rectangle

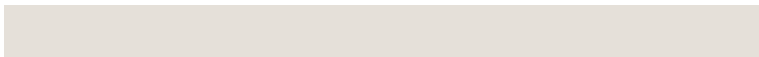
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8923, 0.3048, 0.3215



74.8923, 0.3114, 0.3216



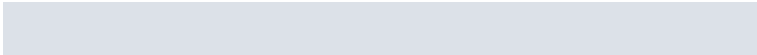
74.8923, 0.3207, 0.3365



74.8923, 0.3140, 0.3366

Sweetspot

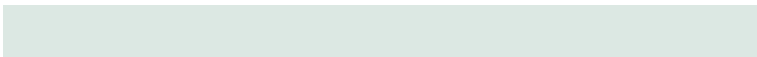
The Sweet Spot groups the original color and five complimentary colors.



74.8955, 0.3048, 0.3215



97.1671, 0.3097, 0.3261



78.4585, 0.3079, 0.3345



20.8275, 0.3098, 0.3263



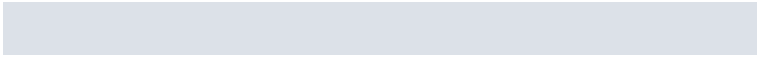
0.0000, 0.0000, 0.0000



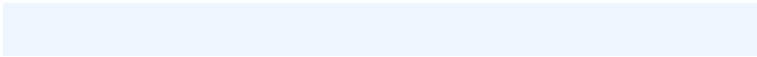
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8955, 0.3048, 0.3215



91.6647, 0.3035, 0.3202



72.3451, 0.3054, 0.3161



15.5089, 0.3026, 0.3193



8.2204, 0.1701, 0.1321



0.7876, 0.1780, 0.1608

Inverse Universe

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



73.7719, 0.3180, 0.3237



90.0636, 0.3189, 0.3228



79.8980, 0.3198, 0.3416



15.2120, 0.3195, 0.3222



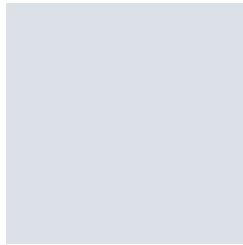
10.0276, 0.5297, 0.2692



0.7592, 0.4921, 0.2484

Previews

White Background



This preview shows how the Yxy color 74.8923, 0.3048, 0.3215 looks on a white background.

Color Contrast Check

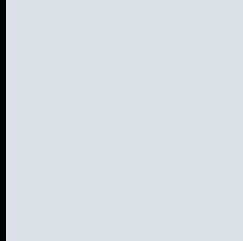
Large Text (above 18pt) WCAG AA × Fail

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 74.8923, 0.3048, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

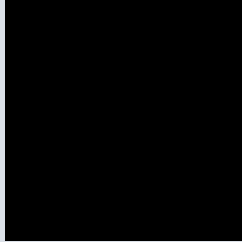
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

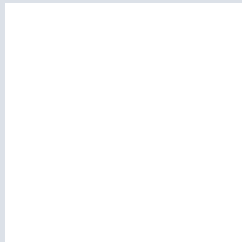
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8923, 0.3048, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 74.8923, 0.3048, 0.3215.

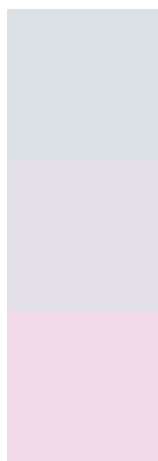


This preview shows how white text looks on a background with the Yxy color 74.8923, 0.3048, 0.3215.

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

74.8923, 0.3048, 0.3215

Protanopia

74.7136, 0.3096, 0.3205

Deuteranopia

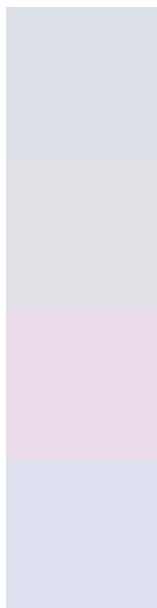
74.9032, 0.3199, 0.3136



Tritanopia

75.0343, 0.2999, 0.3110

Trichromacy



Original Color

74.8923, 0.3048, 0.3215

Protanomaly

74.9281, 0.3082, 0.3215

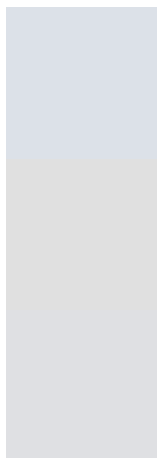
Deuteranomaly

75.0885, 0.3140, 0.3165

Tritanomaly

74.8565, 0.3017, 0.3141

Monochromacy



Original Color

74.8923, 0.3048, 0.3215

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5453, 0.3101, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8923, 0.3048, 0.3215 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(220, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 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(220, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.8923, 0.3048, 0.3215 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(220, 225, 232) }
```

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

```
.border{ border-color:rgb(220, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8923, 0.3048, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 232) }
```

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

```
.background{ background-color: rgb(220,  
225, 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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