

Converting Colors

$Y_{xy}(72.1954, 0.3110, 0.3221)$

Have a look what the booklet for
Yxy(72.1954, 0.3110, 0.3221)
contains.

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Color

Yxy(72.3654, 0.3109, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	DFDCE2
RGB	223, 220, 226
RGB Percent	87%, 86%, 89%
CMY	0.1254, 0.1373, 0.1136
CMYK	0.01, 0.03, 0.00, 0.11
HSL	270°, 9%, 87%
HSV	270°, 3%, 89%
XYZ	69.7625, 72.3654, 82.2609
YIQ	221.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

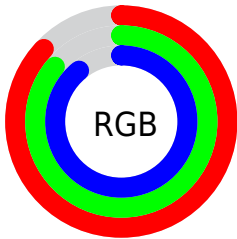
Format	Color
R _Y B	223, 220, 226
Decimal	14671074
CIE Lab	88.14, 2.12, -2.60
CIE LCh	88, 3.355, 309.299
Yxy	72.3654, 0.3109, 0.3225
Android (android.graphics.Color)	4292861154 (0xFFDFDCE2)
YUV	221.5810, 2.1786, 1.2445
Hunter-Lab	85.0679, -2.4844, 2.2138

Details

The Yxy color **72.3654, 0.3109, 0.3225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2600, 0.3145, 0.3355**, and the grayscale version is **72.7264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1754, 0.3103, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **59.5735, 0.3033, 0.2968**, and if you desaturate by 10%, it is **86.8854, 0.3173, 0.3460**.

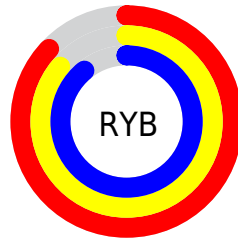
Distribution



Red (87%)

Green (86%)

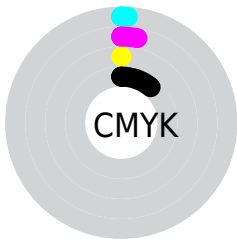
Blue (89%)



Red (87%)

Yellow (86%)

Blue (89%)

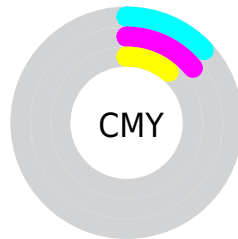


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3654, 0.3109, 0.3225 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 72.3654, 0.3109, 0.3225 by changing the saturation by 10% instead.

■ 72.3654, 0.3109,
0.3225

■ 72.3654, 0.3109,
0.3225

468.8124, 0.3118,
0.3255

■ 53.4572, 0.3107,
0.3218

122.5759, 0.3112,
0.3235

■ 38.1679, 0.3105,
0.3210

154.6470, 0.3113,
0.3239

■ 26.1130, 0.3102,
0.3199

191.8745, 0.3114,
0.3243

■ 16.9082, 0.3097,
0.3185

234.6429, 0.3115,
0.3246

■ 10.1691, 0.3092,
0.3166

283.3364, 0.3116,
0.3249

■ 5.5112, 0.3084,
0.3138

338.3396, 0.3116,

■ 2.5502, 0.3070,

0.3251

400.0368, 0.3117,
0.3253

0.3094

0.9017, 0.3046,
0.3016

0.0000, 0.0000,
0.0000

72.3654, 0.3109,
0.3225

72.3654, 0.3109,
0.3225

59.5735, 0.3033,
0.2968

86.8854, 0.3173,
0.3460

48.4342, 0.2945,
0.2691

96.5063, 0.3236,
0.3577

38.8801, 0.2844,
0.2400

98.2725, 0.3297,
0.3571

30.8354, 0.2731,
0.2102

■ 24.2181, 0.2607,
0.1808

■ 18.9380, 0.2477,
0.1533

■ 14.8943, 0.2344,
0.1291

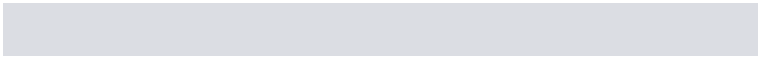
■ 11.9711, 0.2216,
0.1097

■ 10.0292, 0.2098,
0.0957

Harmonies

Analogous

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



72.3654, 0.3073, 0.3222



72.3654, 0.3109, 0.3225



72.3654, 0.3150, 0.3246

Triad

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



72.3654, 0.3109, 0.3225



72.3654, 0.3203, 0.3344



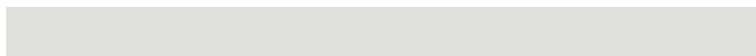
72.3654, 0.3070, 0.3302

Complementary

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



72.3654, 0.3109, 0.3225



75.2600, 0.3145, 0.3355

Split Complementary

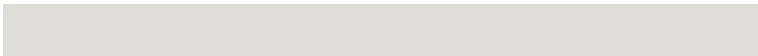
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3654, 0.3104, 0.3335



72.3654, 0.3109, 0.3225



72.3654, 0.3181, 0.3359

Square

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



72.3654, 0.3109, 0.3225



72.3654, 0.3205, 0.3314



72.3654, 0.3145, 0.3356



72.3654, 0.3051, 0.3266

Rectangle

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



72.3654, 0.3109, 0.3225



72.3654, 0.3175, 0.3266



72.3654, 0.3145, 0.3356



72.3654, 0.3080, 0.3314

Sweetspot

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



72.3685, 0.3109, 0.3225



98.1447, 0.3120, 0.3266



73.4876, 0.3087, 0.3257



21.0266, 0.3121, 0.3267



0.0000, 0.0000, 0.0000



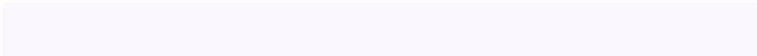
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3685, 0.3109, 0.3225



94.5034, 0.3107, 0.3216



72.8482, 0.3130, 0.3226



15.1521, 0.3101, 0.3198



5.2415, 0.2035, 0.0895



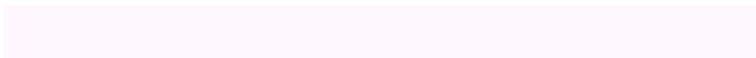
0.4166, 0.2202, 0.0986

Inverse Universe

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



72.6826, 0.3150, 0.3258



94.9699, 0.3153, 0.3254



74.7889, 0.3124, 0.3355



15.2468, 0.3160, 0.3245



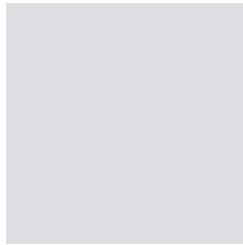
9.9165, 0.4969, 0.2511



0.7054, 0.4625, 0.2322

Previews

White Background



This preview shows how the Yxy color 72.3654, 0.3109, 0.3225 looks on a white background.

Color Contrast Check

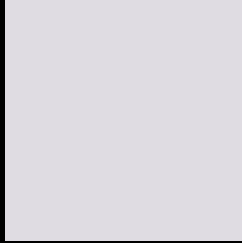
Large Text (above 18pt) WCAG AA × Fail

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 72.3654, 0.3109, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

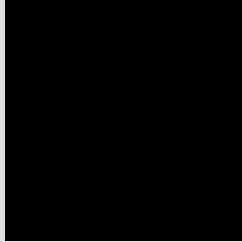
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

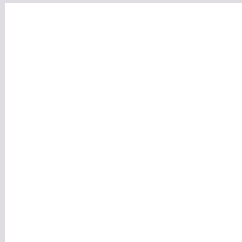
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3654, 0.3109, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 72.3654, 0.3109, 0.3225.

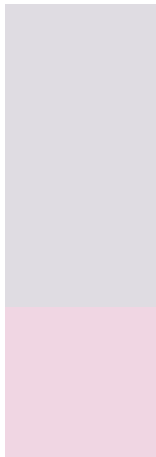


This preview shows how white text looks on a background with the Yxy color 72.3654, 0.3109, 0.3225.

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

72.3654, 0.3109, 0.3225

Protanopia

72.3654, 0.3109, 0.3225

Deuteranopia

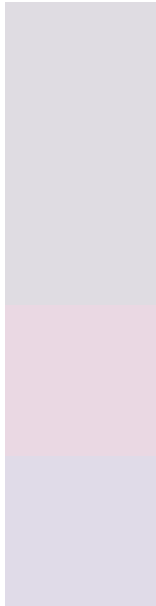
72.1645, 0.3229, 0.3155



Tritanopia

72.2065, 0.3058, 0.3099

Trichromacy



Original Color

72.3654, 0.3109, 0.3225

Protanomaly

72.3654, 0.3109, 0.3225

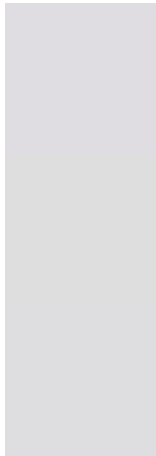
Deuteranomaly

72.1502, 0.3183, 0.3174

Tritanomaly

72.3365, 0.3077, 0.3151

Monochromacy



Original Color

72.3654, 0.3109, 0.3225

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5702, 0.3121, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3654, 0.3109, 0.3225 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(223, 220, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 226)  
}
```

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(223, 220, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 226) }
```

Border

The CSS property to change the border of an element to Yxy 72.3654, 0.3109, 0.3225 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(223, 220, 226) }
```

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

```
.border{ border-color:rgb(223, 220, 226) }
```

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

Here you see how a box with a 4 pixel rgb(223, 220, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3654, 0.3109, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 226) }
```

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

```
.background{ background-color: rgb(223,  
220, 226) }
```

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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