

Converting Colors

$Yxy(71.2208, 0.3025, 0.3094)$

Have a look what the booklet for
Yxy(71.2208, 0.3025, 0.3094)
contains.

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Color

Yxy(71.4146, 0.3024, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	DCDAEC
RGB	220, 218, 236
RGB Percent	86%, 85%, 93%
CMY	0.1371, 0.1451, 0.0746
CMYK	0.07, 0.08, 0.00, 0.07
HSL	247°, 32%, 89%
HSV	247°, 8%, 93%
XYZ	69.7313, 71.4146, 89.4470
YIQ	220.6500, -4.5860, 6.0220

Conversions

Conversions Part 2

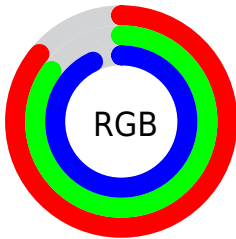
Format	Color
R _Y B	220, 218, 236
Decimal	14473964
CIE Lab	87.69, 4.03, -8.54
CIE LCh	88, 9.447, 295.268
Yxy	71.4146, 0.3024, 0.3097
Android (android.graphics.Color)	4292664044 (0xFFDCDAEC)
YUV	220.6500, 7.5676, -0.5700
Hunter-Lab	84.5072, -0.5979, -3.6007

Details

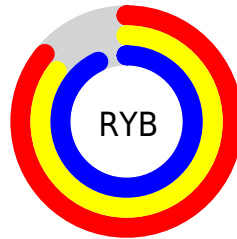
The Yxy color **71.4146, 0.3024, 0.3097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.5215, 0.3226, 0.3478**, and the grayscale version is **72.0007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4890, 0.3001, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **56.9739, 0.2871, 0.2816**, and if you desaturate by 10%, it is **88.0124, 0.3157, 0.3347**.

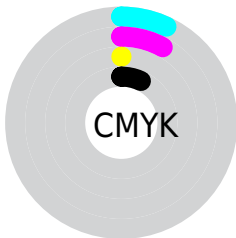
Distribution



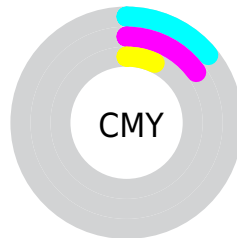
- Red (86%)
- Green (85%)
- Blue (93%)



- Red (86%)
- Yellow (85%)
- Blue (93%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4146, 0.3024, 0.3097 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 71.4146, 0.3024, 0.3097 by changing the saturation by 10% instead.

■ 71.4146, 0.3024,
0.3097

■ 71.4146, 0.3024,
0.3097

465.5015, 0.3072,
0.3186

■ 52.6806, 0.3013,
0.3077

121.2239, 0.3041,
0.3128

■ 37.5479, 0.2999,
0.3052

153.0680, 0.3047,
0.3140

■ 25.6320, 0.2982,
0.3021

190.0509, 0.3053,
0.3150

■ 16.5485, 0.2959,
0.2980

232.5570, 0.3058,
0.3159

■ 9.9131, 0.2927,
0.2924

280.9707, 0.3062,
0.3167

■ 5.3414, 0.2881,
0.2844

335.6764, 0.3066,

■ 2.4489, 0.2808,

0.3174

0.2721

397.0585, 0.3069,
0.3180

0.8509, 0.2674,
0.2504

0.0000, 0.0000,
0.0000

71.4146, 0.3024,
0.3097

71.4146, 0.3024,
0.3097

56.9739, 0.2871,
0.2816

88.0124, 0.3157,
0.3347

44.5929, 0.2699,
0.2504

98.8348, 0.3238,
0.3474

34.1802, 0.2510,
0.2169

25.6340, 0.2310,
0.1822

■ 18.8435, 0.2108,
0.1481

■ 13.6859, 0.1917,
0.1171

■ 10.0224, 0.1753,
0.0915

■ 7.6911, 0.1627,
0.0735

■ 6.4791, 0.1547,
0.0635

Harmonies

Analogous

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



71.4146, 0.2940, 0.3110



71.4146, 0.3024, 0.3097



71.4146, 0.3136, 0.3134

Triad

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



71.4146, 0.3024, 0.3097



71.4146, 0.3353, 0.3403



71.4146, 0.3006, 0.3371

Complementary

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



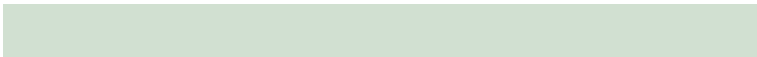
71.4146, 0.3024, 0.3097



82.5215, 0.3226, 0.3478

Split Complementary

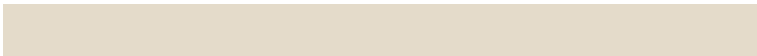
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4146, 0.3115, 0.3454



71.4146, 0.3024, 0.3097



71.4146, 0.3316, 0.3471

Square

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



71.4146, 0.3024, 0.3097



71.4146, 0.3328, 0.3308



71.4146, 0.3228, 0.3490



71.4146, 0.2930, 0.3267

Rectangle

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



71.4146, 0.3024, 0.3097



71.4146, 0.3213, 0.3181



71.4146, 0.3228, 0.3490



71.4146, 0.3040, 0.3403

Sweetspot

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



71.4176, 0.3024, 0.3097



95.9414, 0.3101, 0.3241



79.9073, 0.3009, 0.3271



20.5779, 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.



71.4176, 0.3024, 0.3097



82.5638, 0.3004, 0.3059



72.8193, 0.3085, 0.3101



14.6306, 0.2997, 0.3048



3.4923, 0.1541, 0.0623



0.3013, 0.1630, 0.0671

Inverse Universe

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



73.9078, 0.3149, 0.3125



86.0551, 0.3154, 0.3093



81.0772, 0.3166, 0.3481



15.2827, 0.3155, 0.3084



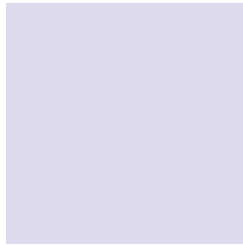
12.3871, 0.3516, 0.1711



0.9811, 0.3468, 0.1684

Previews

White Background



This preview shows how the Yxy color 71.4146, 0.3024, 0.3097 looks on a white background.

Color Contrast Check

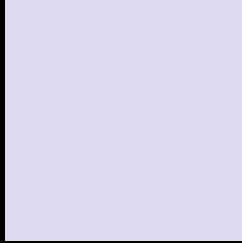
Large Text (above 18pt) WCAG AA × Fail

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 71.4146, 0.3024, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

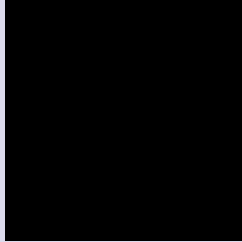
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4146, 0.3024, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 71.4146, 0.3024, 0.3097.

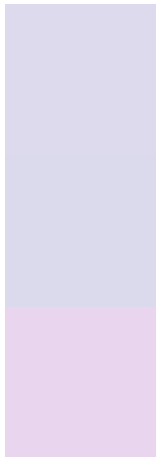


This preview shows how white text looks on a background with the Yxy color 71.4146, 0.3024, 0.3097.

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

71.4146, 0.3024, 0.3097

Protanopia

71.2590, 0.3017, 0.3096

Deuteranopia

71.0266, 0.3110, 0.3039



Tritanopia

71.3566, 0.3030, 0.3107

Trichromacy



Original Color

71.4146, 0.3024, 0.3097

Protanomaly

71.2590, 0.3017, 0.3096

Deuteranomaly

71.2093, 0.3074, 0.3058

Tritanomaly

71.3566, 0.3030, 0.3107

Monochromacy



Original Color

71.4146, 0.3024, 0.3097

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0495, 0.3095, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4146, 0.3024, 0.3097 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, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(220, 218, 236)  
}
```

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, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 218, 236) }
```

Border

The CSS property to change the border of an element to Yxy 71.4146, 0.3024, 0.3097 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, 218, 236) }
```

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

```
.border{ border-color:rgb(220, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 218, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 218, 236); box-shadow:4px 4px 4px 4px rgb(220, 218, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4146, 0.3024, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 218, 236) }
```

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

```
.background{ background-color: rgb(220,  
218, 236) }
```

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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