

Converting Colors

$Y_{xy}(72.7185, 0.3086, 0.3192)$

Have a look what the booklet for
Yxy(72.7185, 0.3086, 0.3192)
contains.

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Color

Yxy(72.5315, 0.3089, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	DFDCE5
RGB	223, 220, 229
RGB Percent	87%, 86%, 90%
CMY	0.1255, 0.1372, 0.1018
CMYK	0.03, 0.04, 0.00, 0.10
HSL	260°, 15%, 88%
HSV	260°, 4%, 90%
XYZ	70.1691, 72.5315, 84.4573
YIQ	221.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

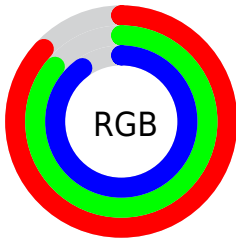
Format	Color
R _Y B	223, 220, 229
Decimal	14671077
CIE Lab	88.22, 2.66, -4.07
CIE LCh	88, 4.857, 303.156
Yxy	72.5315, 0.3089, 0.3193
Android (android.graphics.Color)	4292861157 (0xFFDFDCE5)
YUV	221.9230, 3.4890, 0.9445
Hunter-Lab	85.1654, -1.9707, 0.8188

Details

The Yxy color **72.5315, 0.3089, 0.3193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4045, 0.3164, 0.3386**, and the grayscale version is **72.9675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2911, 0.3078, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **58.9979, 0.2981, 0.2929**, and if you desaturate by 10%, it is **87.9389, 0.3181, 0.3431**.

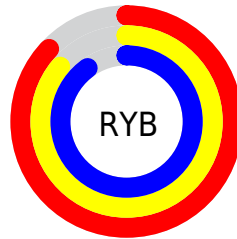
Distribution



Red (87%)

Green (86%)

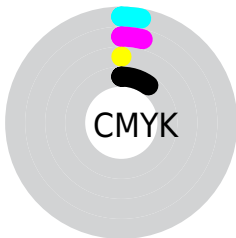
Blue (90%)



Red (87%)

Yellow (86%)

Blue (90%)

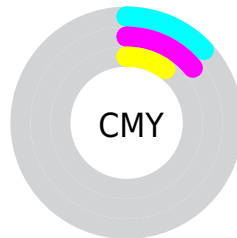


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (10%)



Cyan (13%)

Magenta (14%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5315, 0.3089, 0.3193 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 72.5315, 0.3089, 0.3193 by changing the saturation by 10% instead.

■ 72.5315, 0.3089,
0.3193

■ 72.5315, 0.3089,
0.3193

469.3895, 0.3107,
0.3238

■ 53.5930, 0.3085,
0.3183

122.8119, 0.3095,
0.3209

■ 38.2763, 0.3080,
0.3170

154.9225, 0.3098,
0.3215

■ 26.1972, 0.3073,
0.3154

192.1926, 0.3100,
0.3220

■ 16.9713, 0.3065,
0.3134

235.0067, 0.3101,
0.3224

■ 10.2140, 0.3053,
0.3105

283.7490, 0.3103,
0.3228

■ 5.5411, 0.3036,
0.3064

338.8039, 0.3104,

■ 2.5681, 0.3009,

0.3232

0.3001

400.5560, 0.3106,
0.3235

0.9107, 0.2959,
0.2887

0.0000, 0.0000,
0.0000

72.5315, 0.3089,
0.3193

72.5315, 0.3089,
0.3193

58.9979, 0.2981,
0.2929

87.9389, 0.3181,
0.3431

47.2564, 0.2857,
0.2640

98.1854, 0.3271,
0.3542

37.2331, 0.2717,
0.2332

98.4393, 0.3279,
0.3542

28.8450, 0.2563,
0.2012

■ 22.0024, 0.2398,
0.1693

■ 16.6066, 0.2230,
0.1394

■ 12.5470, 0.2067,
0.1132

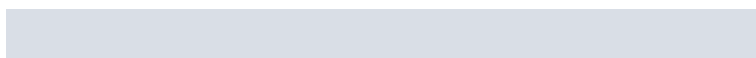
■ 9.6963, 0.1918,
0.0926

■ 7.9008, 0.1793,
0.0785

Harmonies

Analogous

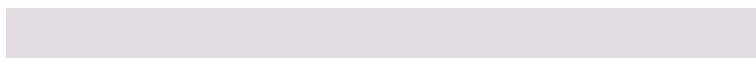
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5315, 0.3041, 0.3193



72.5315, 0.3089, 0.3193



72.5315, 0.3148, 0.3218

Triad

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



72.5315, 0.3089, 0.3193



72.5315, 0.3240, 0.3360



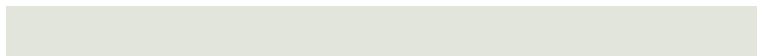
72.5315, 0.3053, 0.3318

Complementary

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



72.5315, 0.3089, 0.3193



77.4045, 0.3164, 0.3386

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.



72.5315, 0.3106, 0.3364



72.5315, 0.3089, 0.3193



72.5315, 0.3214, 0.3388

Square

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



72.5315, 0.3089, 0.3193



72.5315, 0.3236, 0.3314



72.5315, 0.3165, 0.3389



72.5315, 0.3020, 0.3265

Rectangle

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



72.5315, 0.3089, 0.3193



72.5315, 0.3186, 0.3246



72.5315, 0.3165, 0.3389



72.5315, 0.3069, 0.3335

Sweetspot

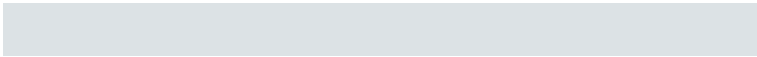
The Sweet Spot groups the original color and five complimentary colors.



72.5346, 0.3089, 0.3193



98.0614, 0.3118, 0.3266



75.3650, 0.3066, 0.3259



21.0096, 0.3118, 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.



72.5346, 0.3089, 0.3193



90.5501, 0.3078, 0.3166



73.2412, 0.3120, 0.3194



15.2528, 0.3072, 0.3149



4.1643, 0.1744, 0.0734



0.3569, 0.1903, 0.0822

Inverse Universe

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



73.3470, 0.3151, 0.3226



91.8647, 0.3158, 0.3208



76.7034, 0.3134, 0.3387



15.5050, 0.3163, 0.3197



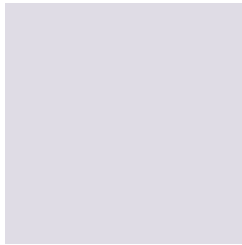
10.8682, 0.4260, 0.2120



0.8201, 0.4068, 0.2014

Previews

White Background



This preview shows how the Yxy color 72.5315, 0.3089, 0.3193 looks on a white background.

Color Contrast Check

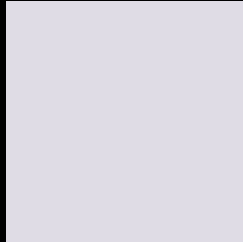
Large Text (above 18pt) WCAG AA × Fail

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 72.5315, 0.3089, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

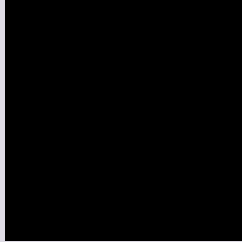
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

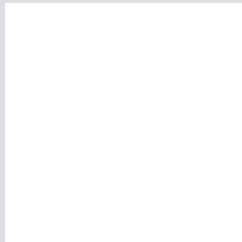
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5315, 0.3089, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 72.5315, 0.3089, 0.3193.

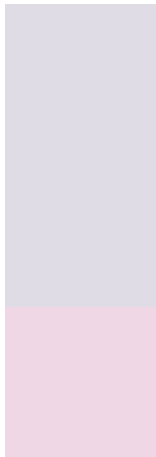


This preview shows how white text looks on a background with the Yxy color 72.5315, 0.3089, 0.3193.

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

72.5315, 0.3089, 0.3193

Protanopia

72.5315, 0.3089, 0.3193

Deuteranopia

72.6648, 0.3200, 0.3134



Tritanopia

72.5665, 0.3051, 0.3109

Trichromacy



Original Color

72.5315, 0.3089, 0.3193

Protanomaly

72.5315, 0.3089, 0.3193

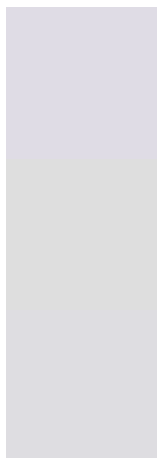
Deuteranomaly

72.6625, 0.3155, 0.3153

Tritanomaly

72.3935, 0.3071, 0.3141

Monochromacy



Original Color

72.5315, 0.3089, 0.3193

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6787, 0.3108, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5315, 0.3089, 0.3193 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.5315, 0.3089, 0.3193 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, 229) }
```

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

```
.border{ border-color:rgb(223, 220, 229) }
```

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, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
229) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5315, 0.3089, 0.3193$ 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, 229) }
```

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

```
.background{ background-color: rgb(223,  
220, 229) }
```

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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