

Converting Colors

$Yxy(72.3663, 0.3070, 0.3191)$

Have a look what the booklet for
Yxy(72.3663, 0.3070, 0.3191)
contains.

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Color

Yxy(72.2717, 0.3069, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	DDDCE6
RGB	221, 220, 230
RGB Percent	87%, 86%, 90%
CMY	0.1332, 0.1373, 0.0980
CMYK	0.04, 0.04, 0.00, 0.10
HSL	246°, 17%, 88%
HSV	246°, 4%, 90%
XYZ	69.7052, 72.2717, 85.1498
YIQ	221.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

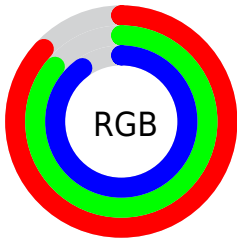
Format	Color
R _Y B	221, 220, 230
Decimal	14540006
CIE Lab	88.10, 2.20, -4.78
CIE LCh	88, 5.261, 294.659
Yxy	72.2717, 0.3069, 0.3182
Android (android.graphics.Color)	4292730086 (0xFFDDDC E6)
YUV	221.4390, 4.2206, -0.3850
Hunter-Lab	85.0128, -2.4135, 0.1234

Details

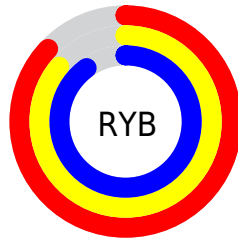
The Yxy color $72.2717, 0.3069, 0.3182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78.4225, 0.3184, 0.3396$, and the grayscale version is $72.6079, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1124, 0.3051, 0.3150$ is the 20% darker color. If you saturate the color by 10%, you get $57.9826, 0.2921, 0.2911$, and if you desaturate by 10%, it is $88.6248, 0.3197, 0.3421$.

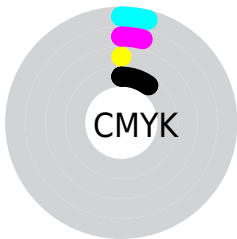
Distribution



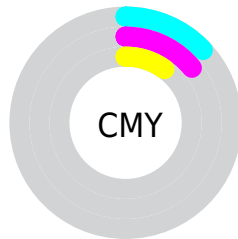
- Red (87%)
- Green (86%)
- Blue (90%)



- Red (87%)
- Yellow (86%)
- Blue (90%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2717, 0.3069, 0.3182 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 72.2717, 0.3069, 0.3182 by changing the saturation by 10% instead.

■ 72.2717, 0.3069,
0.3182

■ 72.2717, 0.3069,
0.3182

468.4867, 0.3096,
0.3232

■ 53.3807, 0.3063,
0.3171

122.4427, 0.3078,
0.3199

■ 38.1067, 0.3055,
0.3157

154.4915, 0.3082,
0.3206

■ 26.0655, 0.3045,
0.3139

191.6950, 0.3085,
0.3212

■ 16.8727, 0.3032,
0.3116

234.4376, 0.3088,
0.3217

■ 10.1438, 0.3015,
0.3084

283.1036, 0.3090,
0.3221

■ 5.4944, 0.2989,
0.3038

338.0776, 0.3092,

■ 2.5401, 0.2948,

0.3225

0.2967

399.7438, 0.3094,
0.3229

0.8967, 0.2874,
0.2840

0.0000, 0.0000,
0.0000

72.2717, 0.3069,
0.3182

72.2717, 0.3069,
0.3182

57.9826, 0.2921,
0.2911

88.6248, 0.3197,
0.3421

45.6665, 0.2754,
0.2609

98.4941, 0.3274,
0.3532

35.2393, 0.2569,
0.2281

26.6074, 0.2370,
0.1935

■ 19.6690, 0.2167,
0.1590

■ 14.3123, 0.1971,
0.1266

■ 10.4117, 0.1796,
0.0990

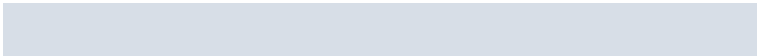
■ 7.8227, 0.1658,
0.0783

■ 6.3703, 0.1564,
0.0658

Harmonies

Analogous

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



72.2717, 0.3023, 0.3190



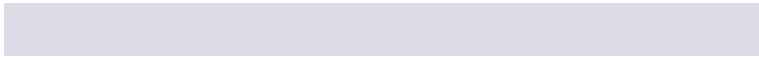
72.2717, 0.3069, 0.3182



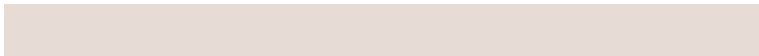
72.2717, 0.3131, 0.3202

Triad

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



72.2717, 0.3069, 0.3182



72.2717, 0.3252, 0.3353



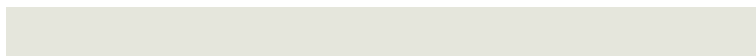
72.2717, 0.3061, 0.3336

Complementary

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



72.2717, 0.3069, 0.3182



78.4225, 0.3184, 0.3396

Split Complementary

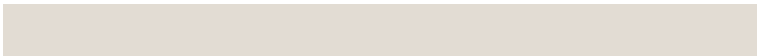
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2717, 0.3122, 0.3381



72.2717, 0.3069, 0.3182



72.2717, 0.3233, 0.3390

Square

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



72.2717, 0.3069, 0.3182



72.2717, 0.3238, 0.3300



72.2717, 0.3185, 0.3401



72.2717, 0.3018, 0.3279

Rectangle

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



72.2717, 0.3069, 0.3182



72.2717, 0.3174, 0.3228



72.2717, 0.3185, 0.3401



72.2717, 0.3080, 0.3353

Sweetspot

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



72.2748, 0.3069, 0.3182



97.9533, 0.3114, 0.3266



76.9748, 0.3060, 0.3279



20.9876, 0.3115, 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.



72.2748, 0.3069, 0.3182



90.0317, 0.3060, 0.3165



73.0662, 0.3104, 0.3183



15.1536, 0.3051, 0.3148



3.3695, 0.1537, 0.0620



0.2734, 0.1625, 0.0669

Inverse Universe

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



73.6634, 0.3139, 0.3195



92.0477, 0.3141, 0.3180



77.6172, 0.3150, 0.3397



15.5402, 0.3143, 0.3166



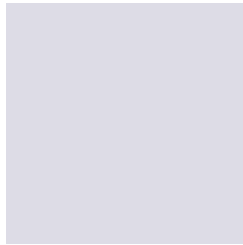
12.0570, 0.3490, 0.1696



0.8985, 0.3444, 0.1671

Previews

White Background



This preview shows how the Yxy color 72.2717, 0.3069, 0.3182 looks on a white background.

Color Contrast Check

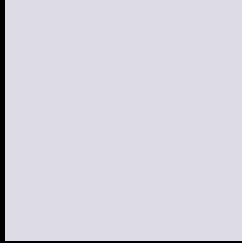
Large Text (above 18pt) WCAG AA × Fail

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 72.2717, 0.3069, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

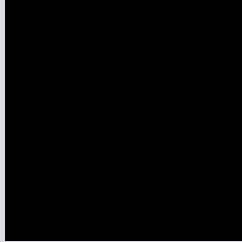
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

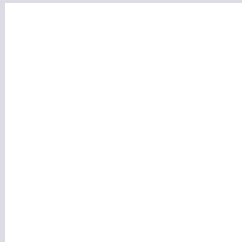
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2717, 0.3069, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 72.2717, 0.3069, 0.3182.

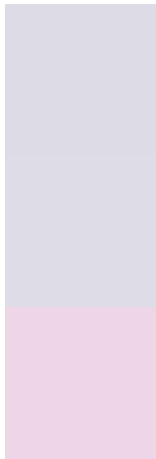


This preview shows how white text looks on a background with the Yxy color 72.2717, 0.3069, 0.3182.

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

72.2717, 0.3069, 0.3182

Protanopia

72.4292, 0.3076, 0.3183

Deuteranopia

72.0398, 0.3186, 0.3113



Tritanopia

72.2488, 0.3037, 0.3108

Trichromacy



Original Color

72.2717, 0.3069, 0.3182

Protanomaly

72.4292, 0.3076, 0.3183

Deuteranomaly

72.0371, 0.3142, 0.3132

Tritanomaly

72.1331, 0.3050, 0.3129

Monochromacy



Original Color

72.2717, 0.3069, 0.3182

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4669, 0.3107, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2717, 0.3069, 0.3182 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(221, 220, 230)` looks like.

```
.text, #text, p{  
    color:rgb(221, 220, 230)  
}
```

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(221, 220, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 220, 230) }
```

Border

The CSS property to change the border of an element to Yxy 72.2717, 0.3069, 0.3182 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(221, 220, 230) }
```

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

```
.border{ border-color:rgb(221, 220, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 220, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 220, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 220, 230);  
box-shadow:4px 4px 4px 4px rgb(221, 220,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2717, 0.3069, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 220, 230) }
```

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

```
.background{ background-color: rgb(221,  
220, 230) }
```

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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