

Converting Colors

$Yxy(72.3673, 0.3181, 0.3387)$

Have a look what the booklet for
Yxy(72.3673, 0.3181, 0.3387)
contains.

Yxy(72.4188, 0.3179, 0.3389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.4188, 0.3179, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	DDDED5
RGB	221, 222, 213
RGB Percent	87%, 87%, 84%
CMY	0.1336, 0.1293, 0.1648
CMYK	0.00, 0.00, 0.04, 0.13
HSL	67°, 12%, 85%
HSV	67°, 4%, 87%
XYZ	67.9314, 72.4188, 73.3377
YIQ	220.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

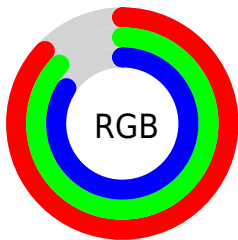
Format	Color
R _Y B	213, 222, 214
Decimal	14540501
CIE Lab	88.17, -1.97, 4.29
CIE LCh	88, 4.718, 114.639
Yxy	72.4188, 0.3179, 0.3389
Android (android.graphics.Color)	4292730581 (0xFFDDDED5)
YUV	220.6750, -3.7838, 0.2850
Hunter-Lab	85.0992, -6.4342, 8.4739

Details

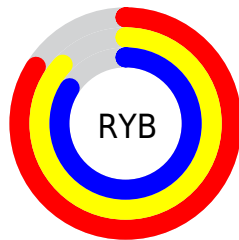
The Yxy color **72.4188, 0.3179, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1662, 0.3074, 0.3190**, and the grayscale version is **72.0866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2130, 0.3195, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **70.9485, 0.3309, 0.3640**, and if you desaturate by 10%, it is **74.0566, 0.3053, 0.3150**.

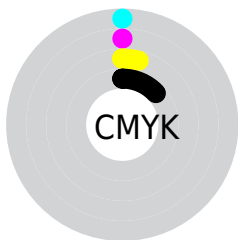
Distribution



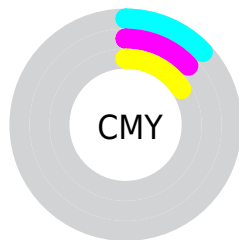
- Red (87%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4188, 0.3179, 0.3389 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 72.4188, 0.3179, 0.3389 by changing the saturation by 10% instead.

■ 72.4188, 0.3179,
0.3389

■ 72.4188, 0.3179,
0.3389

468.9980, 0.3155,
0.3343

■ 53.5009, 0.3184,
0.3400

122.6518, 0.3171,
0.3373

■ 38.2028, 0.3191,
0.3413

154.7356, 0.3167,
0.3367

■ 26.1401, 0.3200,
0.3429

191.9768, 0.3165,
0.3361

■ 16.9285, 0.3211,
0.3451

234.7599, 0.3162,
0.3357

■ 10.1835, 0.3226,
0.3482

283.4691, 0.3160,
0.3353

■ 5.5208, 0.3248,
0.3526

338.4889, 0.3158,

■ 2.5560, 0.3283,

0.3349

0.3596

400.2038, 0.3157,
0.3346

0.9046, 0.3380,
0.3767

0.0000, 0.0000,
0.0000

72.4188, 0.3179,
0.3389

72.4188, 0.3179,
0.3389

70.9485, 0.3309,
0.3640

74.0566, 0.3053,
0.3150

69.6301, 0.3439,
0.3899

75.7034, 0.2948,
0.2950

68.4599, 0.3567,
0.4158

76.1462, 0.2966,
0.2952

67.4308, 0.3685,
0.4408

76.5960, 0.2984,
0.2954

66.5350, 0.3790,
0.4639

77.0528, 0.3003,
0.2956

65.7639, 0.3875,
0.4840

77.5166, 0.3021,
0.2958

65.1077, 0.3936,
0.5003

77.9874, 0.3039,
0.2960

64.5553, 0.3971,
0.5121

78.4654, 0.3057,
0.2961

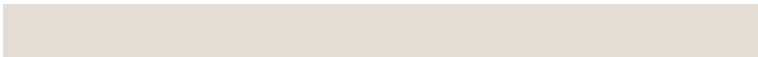
64.0930, 0.3980,
0.5195

78.9505, 0.3076,
0.2963

Harmonies

Analogous

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



72.4188, 0.3222, 0.3380



72.4188, 0.3179, 0.3389



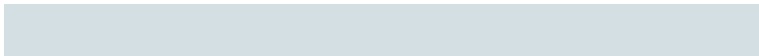
72.4188, 0.3123, 0.3371

Triad

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



72.4188, 0.3179, 0.3389



72.4188, 0.3017, 0.3233



72.4188, 0.3186, 0.3249

Complementary

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



72.4188, 0.3179, 0.3389



67.1662, 0.3074, 0.3190

Split Complementary

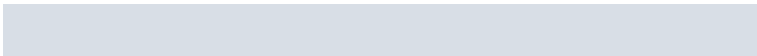
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4188, 0.3131, 0.3211



72.4188, 0.3179, 0.3389



72.4188, 0.3033, 0.3201

Square

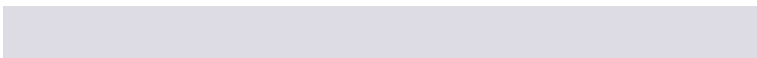
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4188, 0.3179, 0.3389



72.4188, 0.3029, 0.3280



72.4188, 0.3075, 0.3193



72.4188, 0.3226, 0.3299

Rectangle

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



72.4188, 0.3179, 0.3389



72.4188, 0.3085, 0.3347



72.4188, 0.3075, 0.3193



72.4188, 0.3169, 0.3235

Sweetspot

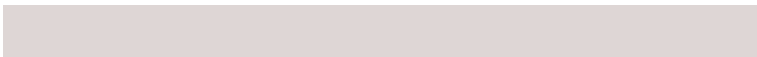
The Sweet Spot groups the original color and five complimentary colors.



72.4219, 0.3179, 0.3389



99.7778, 0.3140, 0.3314



68.4511, 0.3193, 0.3302



21.3589, 0.3139, 0.3313



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.



72.4219, 0.3179, 0.3389



98.9117, 0.3191, 0.3413



71.7295, 0.3147, 0.3390



16.0662, 0.3200, 0.3428



37.9462, 0.3981, 0.5221



2.6544, 0.4015, 0.5194

Inverse Universe

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



67.1662, 0.3074, 0.3190



90.0718, 0.3061, 0.3165



67.8488, 0.3107, 0.3191



14.4551, 0.3053, 0.3149



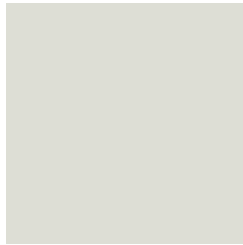
3.2975, 0.1547, 0.0626



0.2553, 0.1652, 0.0684

Previews

White Background



This preview shows how the Yxy color 72.4188, 0.3179, 0.3389 looks on a white background.

Color Contrast Check

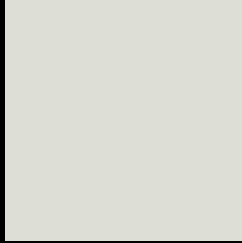
Large Text (above 18pt) WCAG AA × Fail

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 72.4188, 0.3179, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

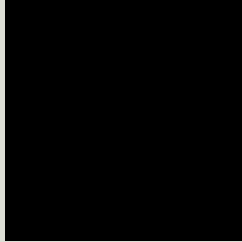
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

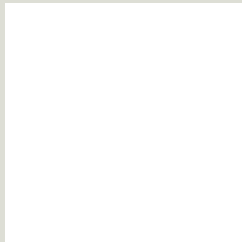
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4188, 0.3179, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 72.4188, 0.3179, 0.3389.

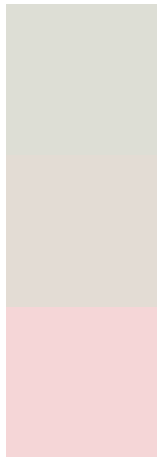


This preview shows how white text looks on a background with the Yxy color 72.4188, 0.3179, 0.3389.

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

72.4188, 0.3179, 0.3389

Protanopia

72.2708, 0.3231, 0.3377

Deuteranopia

72.4119, 0.3351, 0.3280



Tritanopia

72.5665, 0.3051, 0.3109

Trichromacy



Original Color

72.4188, 0.3179, 0.3389

Protanomaly

72.4739, 0.3216, 0.3388

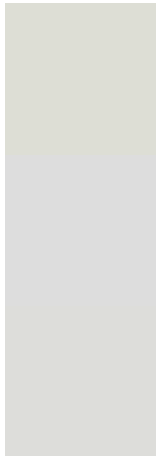
Deuteranomaly

72.3136, 0.3287, 0.3322

Tritanomaly

72.4758, 0.3096, 0.3204

Monochromacy



Original Color

72.4188, 0.3179, 0.3389

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1470, 0.3147, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4188, 0.3179, 0.3389 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, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 213)  
}
```

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, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 213) }
```

Border

The CSS property to change the border of an element to Yxy 72.4188, 0.3179, 0.3389 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, 222, 213) }
```

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

```
.border{ border-color:rgb(221, 222, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4188, 0.3179, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 213) }
```

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

```
.background{ background-color: rgb(221,  
222, 213) }
```

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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