

Converting Colors

$Y_{xy}(72.2328, 0.3195, 0.3412)$

Have a look what the booklet for
Yxy(72.2328, 0.3195, 0.3412)
contains.

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Color

Yxy(72.3179, 0.3193, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	DDDED3
RGB	221, 222, 211
RGB Percent	87%, 87%, 83%
CMY	0.1333, 0.1294, 0.1727
CMYK	0.00, 0.00, 0.05, 0.13
HSL	65°, 14%, 85%
HSV	65°, 5%, 87%
XYZ	67.6960, 72.3179, 71.9999
YIQ	220.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

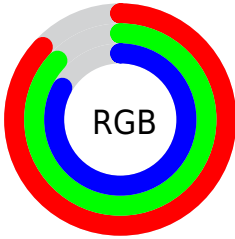
Format	Color
R _Y B	211, 222, 212
Decimal	14540499
CIE Lab	88.12, -2.27, 5.28
CIE LCh	88, 5.747, 113.321
Yxy	72.3179, 0.3193, 0.3411
Android (android.graphics.Color)	4292730579 (0xFFDDDED3)
YUV	220.4470, -4.6574, 0.4850
Hunter-Lab	85.0399, -6.7250, 9.3295

Details

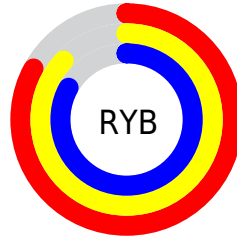
The Yxy color **72.3179, 0.3193, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8426, 0.3060, 0.3167**, and the grayscale version is **71.9315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1787, 0.3204, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **70.9690, 0.3328, 0.3662**, and if you desaturate by 10%, it is **73.8306, 0.3062, 0.3171**.

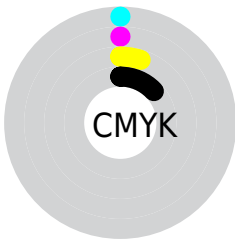
Distribution



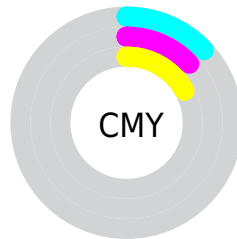
- Red (87%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3179, 0.3193, 0.3411 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 72.3179, 0.3193, 0.3411 by changing the saturation by 10% instead.

■ 72.3179, 0.3193,
0.3411

■ 72.3179, 0.3193,
0.3411

468.6473, 0.3163,
0.3355

■ 53.4184, 0.3200,
0.3424

122.5084, 0.3182,
0.3391

■ 38.1369, 0.3208,
0.3440

154.5682, 0.3178,
0.3384

■ 26.0889, 0.3219,
0.3461

191.7835, 0.3175,
0.3377

■ 16.8902, 0.3234,
0.3487

234.5388, 0.3172,
0.3372

■ 10.1562, 0.3253,
0.3525

283.2184, 0.3169,
0.3367

■ 5.5027, 0.3281,
0.3579

338.2068, 0.3167,

■ 2.5451, 0.3324,

0.3362

0.3665

399.8883, 0.3165,
0.3358

0.8992, 0.3462,
0.3896

0.0000, 0.0000,
0.0000

72.3179, 0.3193,
0.3411

72.3179, 0.3193,
0.3411

70.9690, 0.3328,
0.3662

73.8306, 0.3062,
0.3171

69.7683, 0.3464,
0.3920

75.4796, 0.2940,
0.2949

68.7121, 0.3597,
0.4175

75.8055, 0.2953,
0.2951

67.7934, 0.3720,
0.4419

76.1352, 0.2966,
0.2952

67.0041, 0.3829,
0.4642

76.4688, 0.2980,
0.2953

66.3357, 0.3917,
0.4834

76.8063, 0.2993,
0.2955

65.7783, 0.3982,
0.4986

77.1476, 0.3007,
0.2956

65.3206, 0.4020,
0.5094

77.4928, 0.3020,
0.2957

64.9487, 0.4033,
0.5158

77.8419, 0.3034,
0.2959

Harmonies

Analogous

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



72.3179, 0.3244, 0.3398



72.3179, 0.3193, 0.3411



72.3179, 0.3125, 0.3391

Triad

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



72.3179, 0.3193, 0.3411



72.3179, 0.2993, 0.3222



72.3179, 0.3197, 0.3238

Complementary

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



72.3179, 0.3193, 0.3411



65.8426, 0.3060, 0.3167

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.



72.3179, 0.3129, 0.3192



72.3179, 0.3193, 0.3411



72.3179, 0.3011, 0.3182

Square

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



72.3179, 0.3193, 0.3411



72.3179, 0.3010, 0.3281



72.3179, 0.3061, 0.3172



72.3179, 0.3246, 0.3298

Rectangle

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



72.3179, 0.3193, 0.3411



72.3179, 0.3079, 0.3361



72.3179, 0.3061, 0.3172



72.3179, 0.3175, 0.3221

Sweetspot

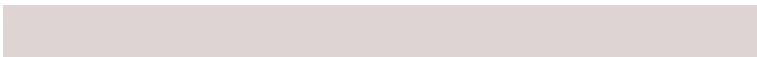
The Sweet Spot groups the original color and five complimentary colors.



72.3210, 0.3193, 0.3411



99.7930, 0.3140, 0.3314



67.2656, 0.3209, 0.3300



21.3620, 0.3140, 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.



72.3210, 0.3193, 0.3411



98.7910, 0.3207, 0.3438



71.4816, 0.3154, 0.3412



16.0502, 0.3215, 0.3452



38.5023, 0.4036, 0.5178



2.6875, 0.4061, 0.5157

Inverse Universe

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



65.8426, 0.3060, 0.3167



88.0801, 0.3044, 0.3139



66.6639, 0.3099, 0.3168



14.1516, 0.3036, 0.3124



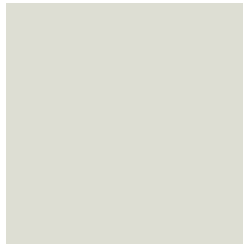
3.2425, 0.1531, 0.0617



0.2455, 0.1614, 0.0663

Previews

White Background



This preview shows how the Yxy color 72.3179, 0.3193, 0.3411 looks on a white background.

Color Contrast Check

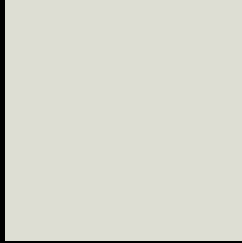
Large Text (above 18pt) WCAG AA × Fail

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 72.3179, 0.3193, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

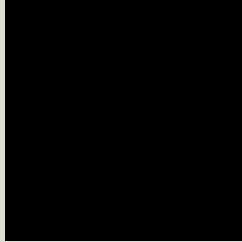
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

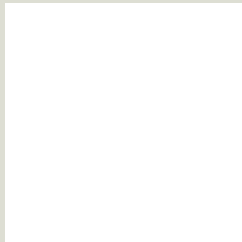
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3179, 0.3193, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 72.3179, 0.3193, 0.3411.

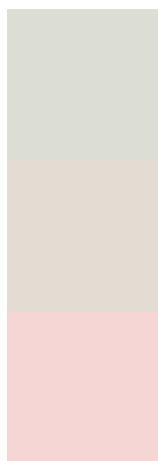


This preview shows how white text looks on a background with the Yxy color 72.3179, 0.3193, 0.3411.

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

72.3179, 0.3193, 0.3411

Protanopia

72.1704, 0.3245, 0.3399

Deuteranopia

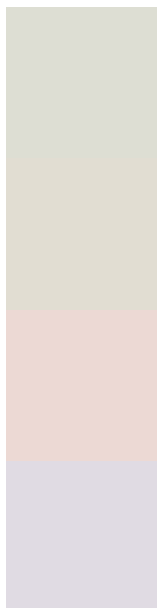
72.3097, 0.3365, 0.3301



Tritanopia

72.2065, 0.3058, 0.3099

Trichromacy



Original Color

72.3179, 0.3193, 0.3411

Protanomaly

72.3736, 0.3229, 0.3410

Deuteranomaly

72.2120, 0.3301, 0.3344

Tritanomaly

72.0564, 0.3110, 0.3204

Monochromacy



Original Color

72.3179, 0.3193, 0.3411

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9383, 0.3146, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3179, 0.3193, 0.3411 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.3179, 0.3193, 0.3411 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, 211) }
```

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

```
.border{ border-color:rgb(221, 222, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 222, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 222, 211); box-shadow:4px 4px 4px 4px rgb(221, 222, 211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3179, 0.3193, 0.3411$ 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, 211) }
```

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

```
.background{ background-color: rgb(221,  
222, 211) }
```

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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