

Converting Colors

$Y_{xy}(72.0561, 0.3172, 0.3400)$

Have a look what the booklet for
Yxy(72.0561, 0.3172, 0.3400)
contains.

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Color

Yxy(72.0561, 0.3172, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	DBDED4
RGB	219, 222, 212
RGB Percent	86%, 87%, 83%
CMY	0.1411, 0.1294, 0.1686
CMYK	0.01, 0.00, 0.05, 0.13
HSL	78°, 13%, 85%
HSV	78°, 5%, 87%
XYZ	67.2241, 72.0561, 72.6495
YIQ	219.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

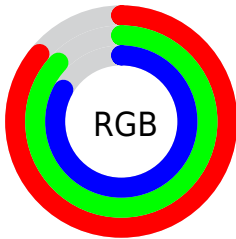
Format	Color
RYB	212, 222, 215
Decimal	14409428
CIELab	88.00, -2.77, 4.54
CIElCh	88, 5.318, 121.426
Yxy	72.0561, 0.3172, 0.3400
Android (android.graphics.Color)	4292599508 (0xFFDBDED4)
YUV	219.9630, -3.9258, -0.8446
Hunter-Lab	84.8859, -7.1898, 8.6768

Details

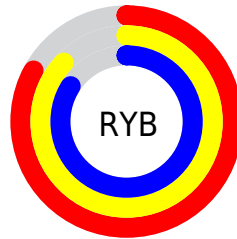
The Yxy color $72.0561, 0.3172, 0.3400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $66.8012, 0.3081, 0.3179$, and the grayscale version is $71.5745, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9643, 0.3185, 0.3434$ is the 20% darker color. If you saturate the color by 10%, you get $70.0126, 0.3273, 0.3656$, and if you desaturate by 10%, it is $74.3004, 0.3073, 0.3161$.

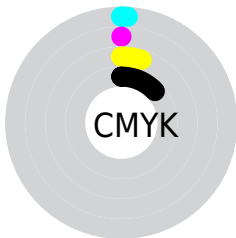
Distribution



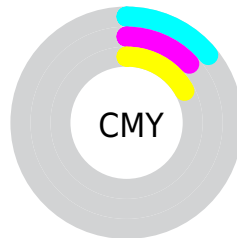
- Red (86%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0561, 0.3172, 0.3400 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 72.0561, 0.3172, 0.3400 by changing the saturation by 10% instead.

■ 72.0561, 0.3172,
0.3400

■ 72.0561, 0.3172,
0.3400

467.7368, 0.3151,
0.3349

■ 53.2045, 0.3177,
0.3412

122.1363, 0.3165,
0.3382

■ 37.9661, 0.3183,
0.3426

154.1337, 0.3162,
0.3375

■ 25.9563, 0.3190,
0.3445

191.2818, 0.3160,
0.3369

■ 16.7910, 0.3199,
0.3470

233.9650, 0.3158,
0.3364

■ 10.0856, 0.3213,
0.3504

282.5677, 0.3156,
0.3360

■ 5.4557, 0.3231,
0.3553

337.4743, 0.3154,

■ 2.5171, 0.3261,

0.3356

0.3633

399.0692, 0.3153,
0.3352

0.8852, 0.3356,
0.3840

0.0000, 0.0000,
0.0000

72.0561, 0.3172,
0.3400

72.0561, 0.3172,
0.3400

70.0126, 0.3273,
0.3656

74.3004, 0.3073,
0.3161

68.1537, 0.3373,
0.3925


76.6521, 0.2987,
0.2954


66.4755, 0.3468,
0.4201

77.7771, 0.3032,
0.2958

64.9703, 0.3555,
0.4474


78.9438, 0.3076,
0.2963


 63.6299, 0.3627,
0.4735


 80.1529, 0.3121,
0.2968

 62.4450, 0.3679,
0.4970

 80.7213, 0.3142,
0.2970

 61.4055, 0.3708,
0.5168

 60.4996, 0.3712,
0.5321

 59.7130, 0.3691,
0.5424

Harmonies

Analogous

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



72.0561, 0.3225, 0.3396



72.0561, 0.3172, 0.3400



72.0561, 0.3107, 0.3374

Triad

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



72.0561, 0.3172, 0.3400



72.0561, 0.3004, 0.3215



72.0561, 0.3206, 0.3256

Complementary

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



72.0561, 0.3172, 0.3400



66.8012, 0.3081, 0.3179

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.



72.0561, 0.3146, 0.3209



72.0561, 0.3172, 0.3400



72.0561, 0.3030, 0.3185

Square

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



72.0561, 0.3172, 0.3400



72.0561, 0.3011, 0.3266



72.0561, 0.3082, 0.3183



72.0561, 0.3245, 0.3313

Rectangle

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



72.0561, 0.3172, 0.3400



72.0561, 0.3066, 0.3342



72.0561, 0.3082, 0.3183



72.0561, 0.3188, 0.3239

Sweetspot

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



72.0592, 0.3172, 0.3400



99.6936, 0.3137, 0.3314



68.7972, 0.3199, 0.3321



21.3418, 0.3137, 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.



72.0592, 0.3172, 0.3400



98.4951, 0.3177, 0.3413



71.3155, 0.3137, 0.3401



15.9900, 0.3184, 0.3429



35.2953, 0.3680, 0.5460



2.4921, 0.3761, 0.5395

Inverse Universe

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



66.8012, 0.3081, 0.3179



90.4723, 0.3075, 0.3166



67.5486, 0.3116, 0.3180



14.5279, 0.3069, 0.3149



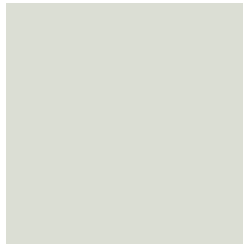
3.8688, 0.1701, 0.0711



0.3136, 0.1866, 0.0802

Previews

White Background



This preview shows how the Yxy color 72.0561, 0.3172, 0.3400 looks on a white background.

Color Contrast Check

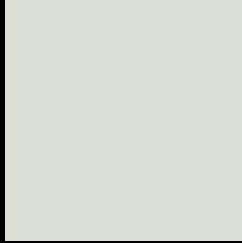
Large Text (above 18pt) WCAG AA × Fail

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 72.0561, 0.3172, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

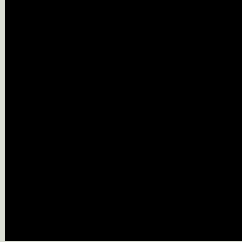
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

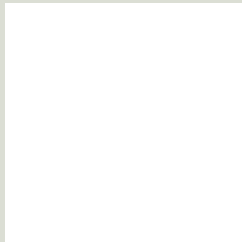
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0561, 0.3172, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 72.0561, 0.3172, 0.3400.

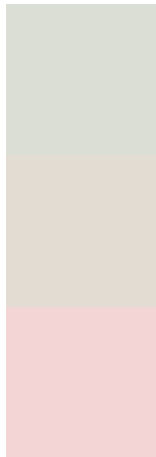


This preview shows how white text looks on a background with the Yxy color 72.0561, 0.3172, 0.3400.

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

72.0561, 0.3172, 0.3400

Protanopia

72.2204, 0.3238, 0.3388

Deuteranopia

71.6766, 0.3352, 0.3280



Tritanopia

71.8869, 0.3044, 0.3098

Trichromacy



Original Color

72.0561, 0.3172, 0.3400

Protanomaly

72.2633, 0.3215, 0.3399

Deuteranomaly

71.5780, 0.3288, 0.3322

Tritanomaly

71.7387, 0.3096, 0.3204

Monochromacy



Original Color

72.0561, 0.3172, 0.3400

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 72.0561, 0.3172, 0.3400 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(219, 222, 212) looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 212)  
}
```

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(219, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 212) }
```

Border

The CSS property to change the border of an element to Yxy 72.0561, 0.3172, 0.3400 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(219, 222, 212) }
```

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

```
.border{ border-color:rgb(219, 222, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 222, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0561, 0.3172, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 212) }
```

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

```
.background{ background-color: rgb(219,  
222, 212) }
```

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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