

Converting Colors

$Yxy(72.5368, 0.3124, 0.3356)$

Have a look what the booklet for
Yxy(72.5368, 0.3124, 0.3356)
contains.

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Color

Yxy(72.5368, 0.3124, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	D9DFD9
RGB	217, 223, 217
RGB Percent	85%, 87%, 85%
CMY	0.1491, 0.1254, 0.1490
CMYK	0.03, 0.00, 0.03, 0.13
HSL	120°, 9%, 86%
HSV	120°, 3%, 87%
XYZ	67.5223, 72.5368, 76.0815
YIQ	220.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

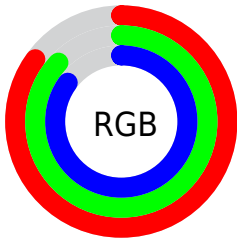
Format	Color
RYB	217, 223, 223
Decimal	14278617
CIELab	88.23, -3.11, 2.23
CIELCh	88, 3.824, 144.403
Yxy	72.5368, 0.3124, 0.3356
Android (android.graphics.Color)	4292468697 (0xFFD9DFD9)
YUV	220.5220, -1.7363, -3.0888
Hunter-Lab	85.1685, -7.5286, 6.6539

Details

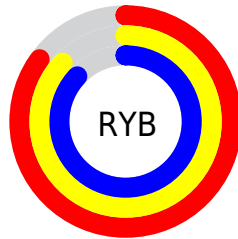
The Yxy color **72.5368, 0.3124, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6347, 0.3130, 0.3225**, and the grayscale version is **71.9669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2953, 0.3123, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **68.2689, 0.3111, 0.3623**, and if you desaturate by 10%, it is **77.4290, 0.3135, 0.3124**.

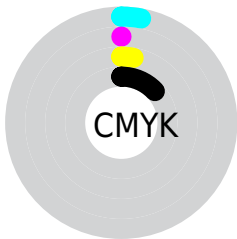
Distribution



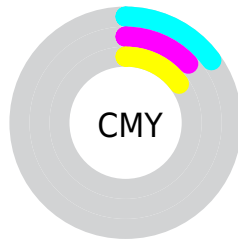
- Red (85%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5368, 0.3124, 0.3356 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 72.5368, 0.3124, 0.3356 by changing the saturation by 10% instead.

■ 72.5368, 0.3124,
0.3356

■ 72.5368, 0.3124,
0.3356

469.4079, 0.3126,
0.3325

■ 53.5973, 0.3124,
0.3363

122.8194, 0.3125,
0.3345

■ 38.2798, 0.3123,
0.3372

154.9313, 0.3125,
0.3341

■ 26.1999, 0.3123,
0.3383

192.2028, 0.3125,
0.3338

■ 16.9733, 0.3122,
0.3398

235.0183, 0.3125,
0.3335

■ 10.2154, 0.3120,
0.3418

283.7621, 0.3125,
0.3332

■ 5.5420, 0.3119,
0.3447

338.8187, 0.3125,

■ 2.5687, 0.3116,

0.3329

0.3494

400.5725, 0.3125,
0.3327

0.9109, 0.3113,
0.3591

0.0000, 0.0000,
0.0000

72.5368, 0.3124,
0.3356

72.5368, 0.3124,
0.3356

68.2689, 0.3111,
0.3623

77.4290, 0.3135,
0.3124

64.5914, 0.3097,
0.3924

81.2614, 0.3142,
0.2980

61.4812, 0.3081,
0.4257

58.9099, 0.3064,
0.4611

■ 56.8471, 0.3047,
0.4970

■ 55.2590, 0.3031,
0.5310

■ 54.1078, 0.3018,
0.5601

■ 53.3500, 0.3008,
0.5819

■ 52.9332, 0.3002,
0.5950

Harmonies

Analogous

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



72.5368, 0.3170, 0.3370



72.5368, 0.3124, 0.3356



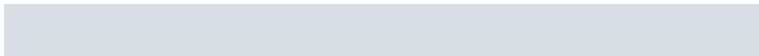
72.5368, 0.3080, 0.3324

Triad

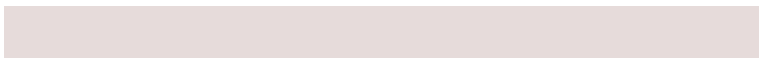
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5368, 0.3124, 0.3356



72.5368, 0.3051, 0.3218



72.5368, 0.3207, 0.3297

Complementary

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



72.5368, 0.3124, 0.3356



70.6347, 0.3130, 0.3225

Split Complementary

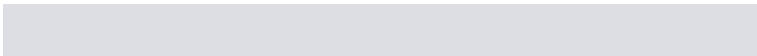
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5368, 0.3175, 0.3257



72.5368, 0.3124, 0.3356



72.5368, 0.3085, 0.3211

Square

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



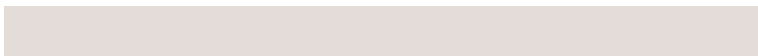
72.5368, 0.3124, 0.3356



72.5368, 0.3038, 0.3244



72.5368, 0.3130, 0.3226



72.5368, 0.3218, 0.3336

Rectangle

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



72.5368, 0.3124, 0.3356



72.5368, 0.3057, 0.3297



72.5368, 0.3130, 0.3226



72.5368, 0.3198, 0.3283

Sweetspot

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



72.5399, 0.3124, 0.3356



99.3567, 0.3126, 0.3314



73.4801, 0.3167, 0.3355



21.2732, 0.3126, 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.



72.5399, 0.3124, 0.3356



98.0956, 0.3124, 0.3364



72.6977, 0.3104, 0.3323



15.8794, 0.3123, 0.3383



31.0316, 0.3000, 0.5999



2.1511, 0.2999, 0.5996

Inverse Universe

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



70.6347, 0.3130, 0.3225



95.2151, 0.3131, 0.3217



70.4740, 0.3150, 0.3257



15.2965, 0.3132, 0.3199



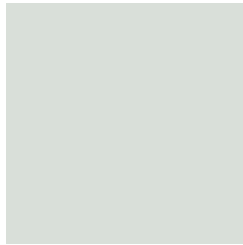
12.3464, 0.3213, 0.1544



0.8559, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 72.5368, 0.3124, 0.3356 looks on a white background.

Color Contrast Check

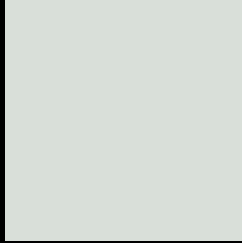
Large Text (above 18pt) WCAG AA × Fail

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 72.5368, 0.3124, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

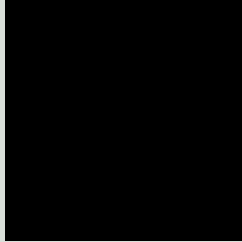
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

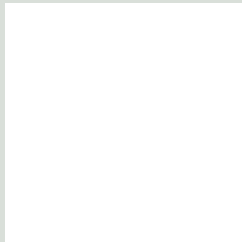
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5368, 0.3124, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 72.5368, 0.3124, 0.3356.

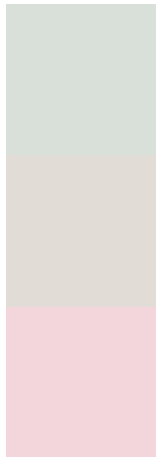


This preview shows how white text looks on a background with the Yxy color 72.5368, 0.3124, 0.3356.

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

72.5368, 0.3124, 0.3356

Protanopia

72.2614, 0.3204, 0.3344

Deuteranopia

72.2623, 0.3307, 0.3239



Tritanopia

72.5165, 0.3017, 0.3108

Trichromacy



Original Color

72.5368, 0.3124, 0.3356

Protanomaly

72.3587, 0.3175, 0.3344

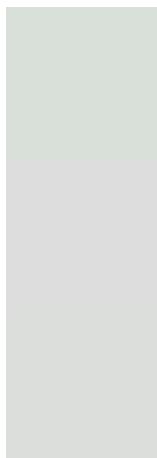
Deuteranomaly

72.1801, 0.3244, 0.3280

Tritanomaly

72.4861, 0.3055, 0.3193

Monochromacy



Original Color

72.5368, 0.3124, 0.3356

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6255, 0.3126, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5368, 0.3124, 0.3356 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(217, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 223, 217)  
}
```

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(217, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 217) }
```

Border

The CSS property to change the border of an element to Yxy 72.5368, 0.3124, 0.3356 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(217, 223, 217) }
```

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

```
.border{ border-color:rgb(217, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 223,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5368, 0.3124, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 223, 217) }
```

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

```
.background{ background-color: rgb(217,  
223, 217) }
```

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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