

Converting Colors

$Yxy(72.3575, 0.3248, 0.3710)$

Have a look what the booklet for
Yxy(72.3575, 0.3248, 0.3710)
contains.

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Color

Yxy(72.3575, 0.3248, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	D2E3BE
RGB	210, 227, 190
RGB Percent	82%, 89%, 75%
CMY	0.1763, 0.1098, 0.2550
CMYK	0.07, 0.00, 0.16, 0.11
HSL	87°, 40%, 82%
HSV	87°, 16%, 89%
XYZ	63.3469, 72.3575, 59.3292
YIQ	217.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

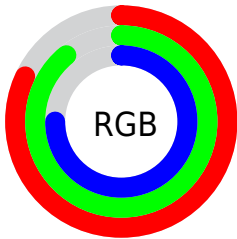
Format	Color
RYB	190, 227, 207
Decimal	13820862
CIELab	88.14, -12.13, 16.20
CIELCh	88, 20.237, 126.833
Yxy	72.3575, 0.3248, 0.3710
Android (android.graphics.Color)	4292010942 (0xFFD2E3BE)
YUV	217.6990, -13.6556, -6.7520
Hunter-Lab	85.0632, -15.9309, 18.1911

Details

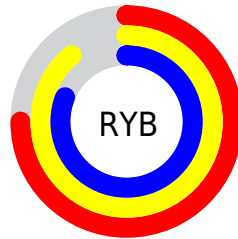
The Yxy color **72.3575, 0.3248, 0.3710** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.6202, 0.2990, 0.2868**, and the grayscale version is **69.9921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **38.2798, 0.3266, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **69.9665, 0.3320, 0.3991**, and if you desaturate by 10%, it is **75.0086, 0.3174, 0.3446**.

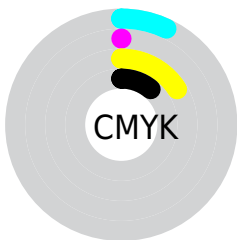
Distribution



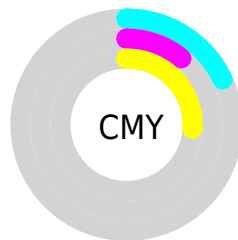
- Red (82%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3575, 0.3248, 0.3710 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 72.3575, 0.3248, 0.3710 by changing the saturation by 10% instead.


 72.3575, 0.3248,
0.3710

 72.3575, 0.3248,
0.3710


468.7850, 0.3194,
0.3511

 53.4508, 0.3260,
0.3756


 122.5647, 0.3230,
0.3640

 38.1627, 0.3274,
0.3815


154.6339, 0.3223,
0.3613

 26.1090, 0.3291,
0.3889


191.8594, 0.3216,
0.3590

 16.9052, 0.3313,
0.3988

234.6256, 0.3211,
0.3570

 10.1669, 0.3340,
0.4125

283.3168, 0.3206,
0.3553

 5.5098, 0.3375,
0.4327

338.3175, 0.3202,

 2.5494, 0.3417,

0.3537

0.4654

400.0121, 0.3198,
0.3523

0.9013, 0.3834,
0.6166

0.0000, 0.0000,
0.0000

72.3575, 0.3248,
0.3710

72.3575, 0.3248,
0.3710

69.9665, 0.3320,
0.3991

75.0086, 0.3174,
0.3446

67.8171, 0.3386,
0.4284

77.9189, 0.3100,
0.3203

65.9030, 0.3441,
0.4579

80.8998, 0.3047,
0.3011

64.2136, 0.3482,
0.4865

82.7852, 0.3117,
0.3017

■ 62.7378, 0.3504,
0.5125

■ 83.4170, 0.3140,
0.3019

■ 61.4628, 0.3504,
0.5347

■ 60.3741, 0.3480,
0.5519

■ 59.4542, 0.3435,
0.5635

■ 59.1472, 0.3416,
0.5670

Harmonies

Analogous

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



72.3575, 0.3467, 0.3707



72.3575, 0.3248, 0.3710



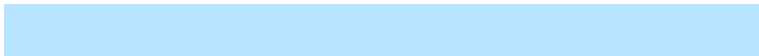
72.3575, 0.3003, 0.3588

Triad

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



72.3575, 0.3248, 0.3710



72.3575, 0.2677, 0.2972



72.3575, 0.3463, 0.3195

Complementary

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



72.3575, 0.3248, 0.3710



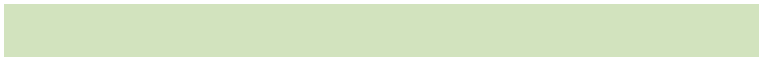
55.6202, 0.2990, 0.2868

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.



72.3575, 0.3240, 0.3018



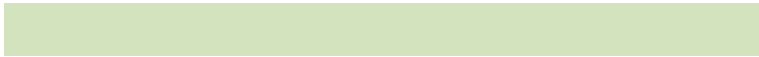
72.3575, 0.3248, 0.3710



72.3575, 0.2789, 0.2888

Square

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



72.3575, 0.3248, 0.3710



72.3575, 0.2680, 0.3149



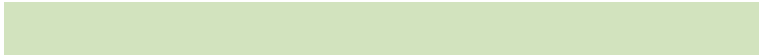
72.3575, 0.2993, 0.2907



72.3575, 0.3596, 0.3402

Rectangle

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



72.3575, 0.3248, 0.3710



72.3575, 0.2858, 0.3453



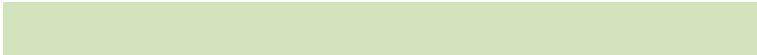
72.3575, 0.2993, 0.2907



72.3575, 0.3396, 0.3131

Sweetspot

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



72.3606, 0.3248, 0.3710



98.1146, 0.3164, 0.3414



64.4973, 0.3406, 0.3477



20.9453, 0.3170, 0.3432



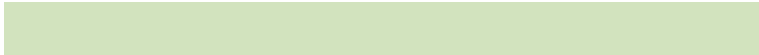
0.0000, 0.0000, 0.0000



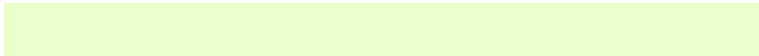
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3606, 0.3248, 0.3710



92.9739, 0.3276, 0.3816



69.8379, 0.3119, 0.3727



16.4718, 0.3197, 0.3527



34.5657, 0.3426, 0.5661



2.6094, 0.3532, 0.5577

Inverse Universe

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



55.6202, 0.2990, 0.2868



66.7965, 0.2952, 0.2761



58.3945, 0.3131, 0.2886



14.2090, 0.3052, 0.3052



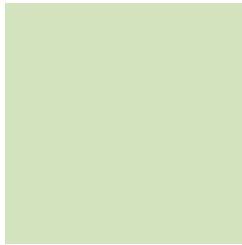
5.0188, 0.1947, 0.0846



0.4255, 0.2109, 0.0936

Previews

White Background



This preview shows how the Yxy color 72.3575, 0.3248, 0.3710 looks on a white background.

Color Contrast Check

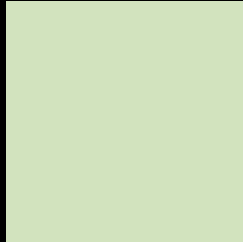
Large Text (above 18pt) WCAG AA × Fail

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 72.3575, 0.3248, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

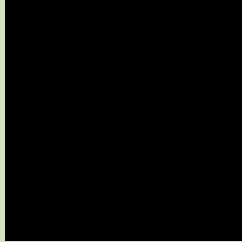
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

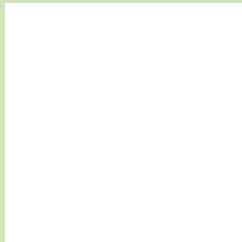
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3575, 0.3248, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 72.3575, 0.3248, 0.3710.

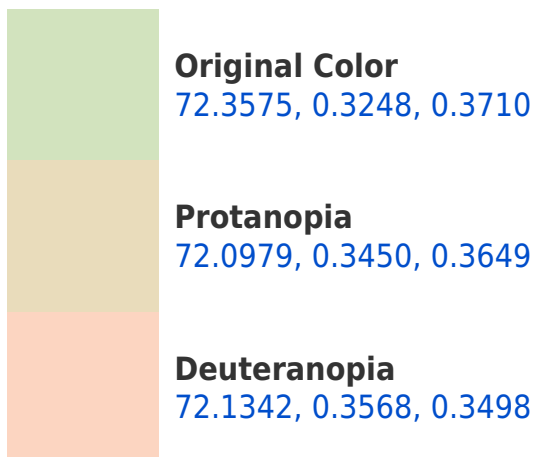


This preview shows how white text looks on a background with the Yxy color 72.3575, 0.3248, 0.3710.

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

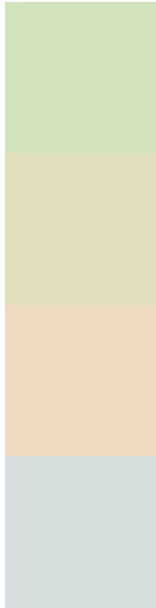




Tritanopia

72.1112, 0.2990, 0.3096

Trichromacy



Original Color

72.3575, 0.3248, 0.3710

Protanomaly

72.4137, 0.3377, 0.3676

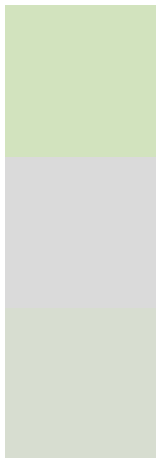
Deuteranomaly

71.9531, 0.3449, 0.3570

Tritanomaly

72.2920, 0.3077, 0.3312

Monochromacy



Original Color

72.3575, 0.3248, 0.3710

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7140, 0.3170, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3575, 0.3248, 0.3710 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(210, 227, 190)` looks like.

```
.text, #text, p{  
    color:rgb(210, 227, 190)  
}
```

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(210, 227, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 227, 190) }
```

Border

The CSS property to change the border of an element to Yxy 72.3575, 0.3248, 0.3710 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(210, 227, 190) }
```

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

```
.border{ border-color:rgb(210, 227, 190) }
```

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

Here you see how a box with a 4 pixel rgb(210, 227, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 227, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 227, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 227,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3575, 0.3248, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 227, 190) }
```

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

```
.background{ background-color: rgb(210,  
227, 190) }
```

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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