

Converting Colors

$Y_{xy}(72.2759, 0.3159, 0.3766)$

Have a look what the booklet for
Yxy(72.2759, 0.3159, 0.3766)
contains.

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Color

Yxy(72.1381, 0.3159, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	C5E6BD
RGB	197, 230, 189
RGB Percent	77%, 90%, 74%
CMY	0.2277, 0.0980, 0.2589
CMYK	0.14, 0.00, 0.18, 0.10
HSL	108°, 45%, 82%
HSV	108°, 18%, 90%
XYZ	60.4949, 72.1381, 58.8671
YIQ	215.4590, -6.5070, -19.7470

Conversions

Conversions Part 2

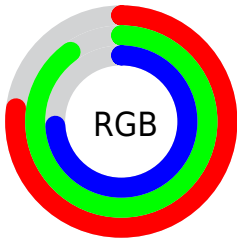
Format	Color
RYB	189, 230, 222
Decimal	12969661
CIELab	88.04, -18.33, 16.44
CIElCh	88, 24.625, 138.114
Yxy	72.1381, 0.3159, 0.3767
Android (android.graphics.Color)	4291159741 (0xFFC5E6BD)
YUV	215.4590, -13.0443, -16.1885
Hunter-Lab	84.9342, -21.4970, 18.3605

Details

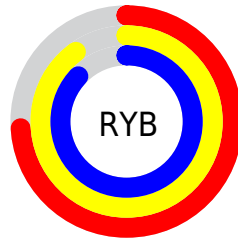
The Yxy color **72.1381, 0.3159, 0.3767** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.6395, 0.3085, 0.2840**, and the grayscale version is **68.3702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1834, 0.3179, 0.3386**, and **37.8893, 0.3161, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **68.8705, 0.3173, 0.4074**, and if you desaturate by 10%, it is **75.8780, 0.3142, 0.3488**.

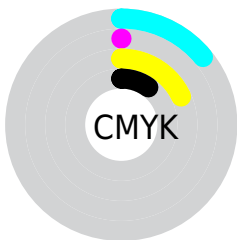
Distribution



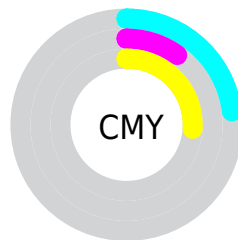
- Red (77%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)





- Cyan (23%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1381, 0.3159, 0.3767 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 72.1381, 0.3159, 0.3767 by changing the saturation by 10% instead.


 72.1381, 0.3159,
0.3767

 72.1381, 0.3159,
0.3767

468.0221, 0.3148,
0.3539

 53.2715, 0.3161,
0.3821


 122.2529, 0.3156,
0.3687

 38.0195, 0.3162,
0.3888

154.2698, 0.3154,
0.3656

 25.9979, 0.3163,
0.3975


191.4390, 0.3153,
0.3629

 16.8220, 0.3164,
0.4091

234.1448, 0.3152,
0.3607

 10.1077, 0.3161,
0.4253

282.7716, 0.3151,
0.3587

 5.4704, 0.3151,
0.4496


337.7038, 0.3149,

 2.5258, 0.3117,


0.3569


0.4895


399.3259, 0.3149,
0.3553

 0.8895, 0.3091,
0.6909


 0.0000, 0.0000,
0.0000


 72.1381, 0.3159,
0.3767


 72.1381, 0.3159,
0.3767


 68.8705, 0.3173,
0.4074


 75.8780, 0.3142,
0.3488


 66.0474, 0.3182,
0.4404

 80.0985, 0.3123,
0.3239

 63.6521, 0.3185,
0.4744

 84.6255, 0.3122,
0.3047

 61.6631, 0.3179,
0.5078

 85.0853, 0.3138,
0.3049

■ 60.0573, 0.3163,
0.5384

■ 58.8087, 0.3137,
0.5640

■ 57.8883, 0.3103,
0.5825

■ 57.2600, 0.3066,
0.5935

■ 57.1549, 0.3059,
0.5953

Harmonies

Analogous

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



72.1381, 0.3447, 0.3819



72.1381, 0.3159, 0.3767



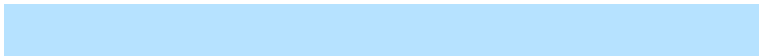
72.1381, 0.2872, 0.3566

Triad

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



72.1381, 0.3159, 0.3767



72.1381, 0.2619, 0.2851



72.1381, 0.3615, 0.3265

Complementary

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



72.1381, 0.3159, 0.3767



57.6395, 0.3085, 0.2840

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.



72.1381, 0.3374, 0.3034



72.1381, 0.3159, 0.3767



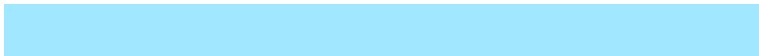
72.1381, 0.2799, 0.2799

Square

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



72.1381, 0.3159, 0.3767



72.1381, 0.2569, 0.3023



72.1381, 0.3073, 0.2867



72.1381, 0.3720, 0.3513

Rectangle

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



72.1381, 0.3159, 0.3767



72.1381, 0.2718, 0.3382



72.1381, 0.3073, 0.2867



72.1381, 0.3547, 0.3184

Sweetspot

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



72.1412, 0.3159, 0.3767



97.3087, 0.3137, 0.3415



72.6428, 0.3410, 0.3648



20.7498, 0.3138, 0.3433



0.0000, 0.0000, 0.0000



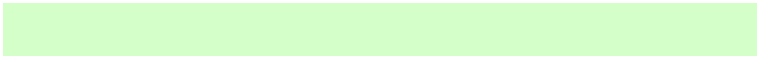
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1412, 0.3159, 0.3767



89.7316, 0.3164, 0.3865



71.6524, 0.3029, 0.3626



16.2230, 0.3145, 0.3531



32.3911, 0.3066, 0.5947



2.4315, 0.3159, 0.5874

Inverse Universe

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



57.6395, 0.3085, 0.2840



68.5457, 0.3076, 0.2754



58.2597, 0.3242, 0.2976



14.4665, 0.3107, 0.3056



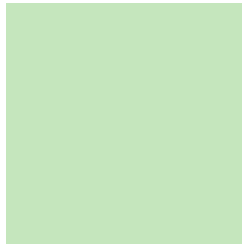
9.1516, 0.2724, 0.1274



0.7126, 0.2798, 0.1315

Previews

White Background



This preview shows how the Yxy color 72.1381, 0.3159, 0.3767 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 72.1381, 0.3159, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

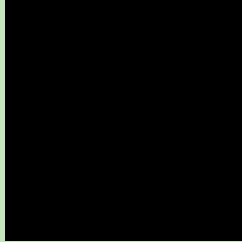
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

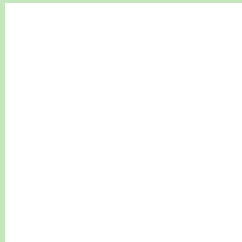
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1381, 0.3159, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 72.1381, 0.3159, 0.3767.

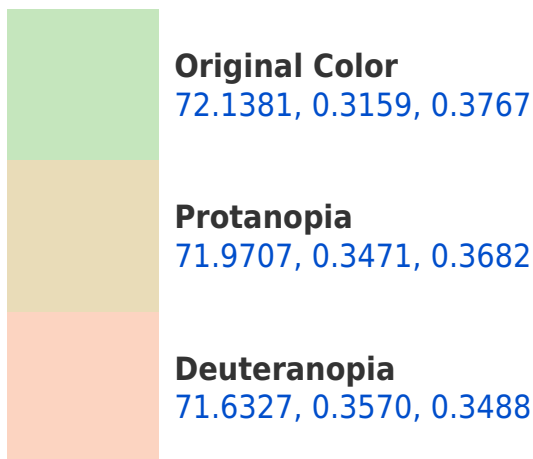


This preview shows how white text looks on a background with the Yxy color 72.1381, 0.3159, 0.3767.

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

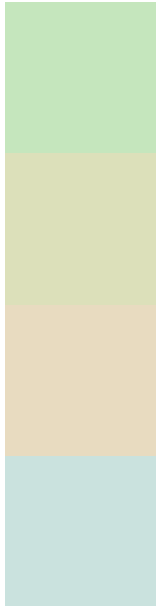




Tritanopia

72.1054, 0.2893, 0.3093

Trichromacy



Original Color

72.1381, 0.3159, 0.3767

Protanomaly

72.0721, 0.3351, 0.3714

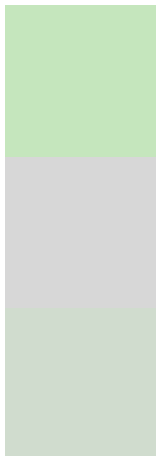
Deuteranomaly

71.6246, 0.3409, 0.3584

Tritanomaly

72.2232, 0.2989, 0.3334

Monochromacy



Original Color

72.1381, 0.3159, 0.3767

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.0525, 0.3134, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1381, 0.3159, 0.3767 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(197, 230, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 189)  
}
```

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(197, 230, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 189) }
```

Border

The CSS property to change the border of an element to Yxy 72.1381, 0.3159, 0.3767 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(197, 230, 189) }
```

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

```
.border{ border-color:rgb(197, 230, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 230, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 230, 189); box-shadow:4px 4px 4px 4px rgb(197, 230, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1381, 0.3159, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 189) }
```

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

```
.background{ background-color: rgb(197,  
230, 189) }
```

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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