

Converting Colors

$Yxy(72.0644, 0.3110, 0.3683)$

Have a look what the booklet for
Yxy(72.0644, 0.3110, 0.3683)
contains.

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Color

Yxy(72.3149, 0.3109, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	C4E6C4
RGB	196, 230, 196
RGB Percent	77%, 90%, 77%
CMY	0.2313, 0.0980, 0.2315
CMYK	0.15, 0.00, 0.15, 0.10
HSL	120°, 40%, 84%
HSV	120°, 15%, 90%
XYZ	61.0280, 72.3149, 62.9517
YIQ	215.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

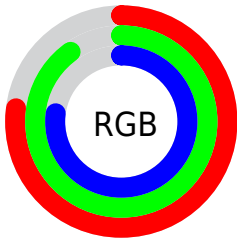
Format	Color
RYB	196, 230, 230
Decimal	12904132
CIELab	88.12, -17.44, 12.90
CIELCh	88, 21.693, 143.503
Yxy	72.3149, 0.3109, 0.3684
Android (android.graphics.Color)	4291094212 (0xFFC4E6C4)
YUV	215.9580, -9.8393, -17.5032
Hunter-Lab	85.0382, -20.7156, 15.6358

Details

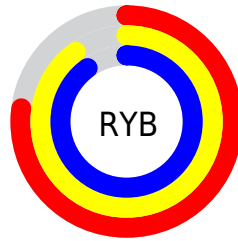
The Yxy color **72.3149, 0.3109, 0.3684** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.9982, 0.3144, 0.2925**, and the grayscale version is **68.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4945, 0.3126, 0.3309**, and **37.9759, 0.3104, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **68.5014, 0.3095, 0.3993**, and if you desaturate by 10%, it is **76.7666, 0.3122, 0.3409**.

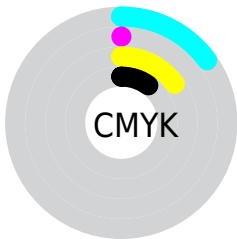
Distribution



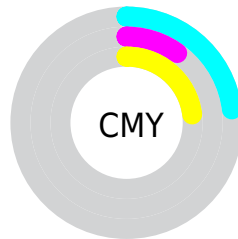
- Red (77%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3149, 0.3109, 0.3684 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 72.3149, 0.3109, 0.3684 by changing the saturation by 10% instead.

 72.3149, 0.3109,
0.3684

 72.3149, 0.3109,
0.3684


468.6369, 0.3120,
0.3497

 53.4160, 0.3106,
0.3728


 122.5041, 0.3113,
0.3618

 38.1349, 0.3102,
0.3783


154.5632, 0.3115,
0.3593

 26.0874, 0.3096,
0.3855


191.7778, 0.3116,
0.3571

 16.8891, 0.3087,
0.3949

234.5322, 0.3117,
0.3552

 10.1554, 0.3073,
0.4082

283.2110, 0.3118,
0.3535

 5.5021, 0.3049,
0.4281

338.1984, 0.3119,

 2.5448, 0.3001,

0.3521

0.4611

399.8789, 0.3119,
0.3508

0.8990, 0.3052,
0.6401

0.0000, 0.0000,
0.0000

72.3149, 0.3109,
0.3684

72.3149, 0.3109,
0.3684

68.5014, 0.3095,
0.3993

76.7666, 0.3122,
0.3409

65.2881, 0.3079,
0.4333

81.8741, 0.3133,
0.3169

62.6474, 0.3062,
0.4691

85.0743, 0.3138,
0.3048

60.5456, 0.3046,
0.5049

■ 58.9456, 0.3030,
0.5381

■ 57.8057, 0.3017,
0.5659

■ 57.0773, 0.3007,
0.5858

■ 56.7010, 0.3002,
0.5968

■ 56.5964, 0.3000,
0.6000

Harmonies

Analogous

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



72.3149, 0.3368, 0.3757



72.3149, 0.3109, 0.3684



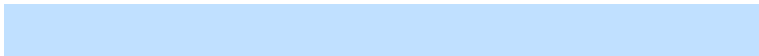
72.3149, 0.2862, 0.3491

Triad

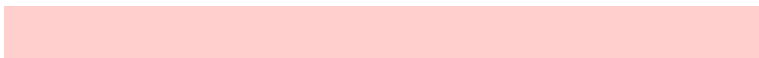
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3149, 0.3109, 0.3684



72.3149, 0.2698, 0.2886



72.3149, 0.3583, 0.3310

Complementary

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



72.3149, 0.3109, 0.3684



61.9982, 0.3144, 0.2925

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.



72.3149, 0.3389, 0.3098



72.3149, 0.3109, 0.3684



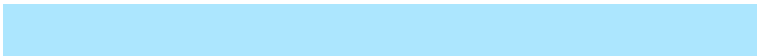
72.3149, 0.2877, 0.2858

Square

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



72.3149, 0.3109, 0.3684



72.3149, 0.2632, 0.3022



72.3149, 0.3128, 0.2936



72.3149, 0.3649, 0.3526

Rectangle

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



72.3149, 0.3109, 0.3684



72.3149, 0.2736, 0.3326



72.3149, 0.3128, 0.2936



72.3149, 0.3530, 0.3236

Sweetspot

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



72.3180, 0.3109, 0.3684



97.4795, 0.3123, 0.3390



77.0869, 0.3349, 0.3650



20.7664, 0.3122, 0.3409



0.0000, 0.0000, 0.0000



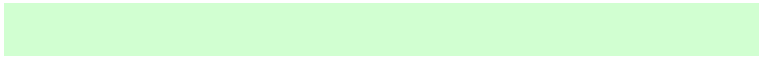
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3180, 0.3109, 0.3684



89.7077, 0.3104, 0.3783



73.1019, 0.3008, 0.3490



16.0901, 0.3116, 0.3533



32.0417, 0.3000, 0.6000



2.3681, 0.3001, 0.5999

Inverse Universe

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



61.9982, 0.3144, 0.2925



74.1178, 0.3148, 0.2842



61.1253, 0.3267, 0.3098



14.6142, 0.3138, 0.3058



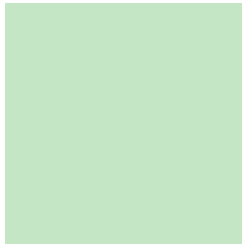
12.7290, 0.3206, 0.1540



0.9410, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 72.3149, 0.3109, 0.3684 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 72.3149, 0.3109, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

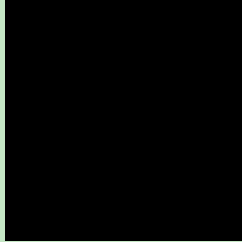
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

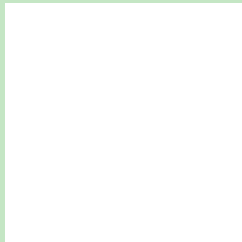
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3149, 0.3109, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 72.3149, 0.3109, 0.3684.

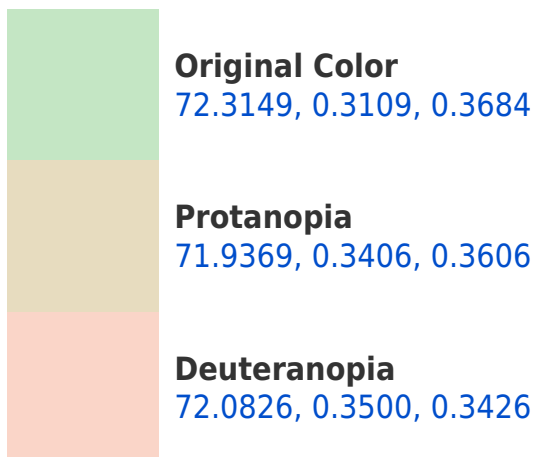


This preview shows how white text looks on a background with the Yxy color 72.3149, 0.3109, 0.3684.

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

72.4996, 0.2887, 0.3104

Trichromacy



Original Color

72.3149, 0.3109, 0.3684

Protanomaly

72.0670, 0.3290, 0.3636

Deuteranomaly

71.6096, 0.3344, 0.3508

Tritanomaly

72.2465, 0.2964, 0.3301

Monochromacy



Original Color

72.3149, 0.3109, 0.3684

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.8717, 0.3121, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3149, 0.3109, 0.3684 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(196, 230, 196)` looks like.

```
.text, #text, p{  
    color:rgb(196, 230, 196)  
}
```

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(196, 230, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 230, 196) }
```

Border

The CSS property to change the border of an element to Yxy 72.3149, 0.3109, 0.3684 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(196, 230, 196) }
```

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

```
.border{ border-color:rgb(196, 230, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 230, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 230, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 230, 196);  
box-shadow:4px 4px 4px 4px rgb(196, 230,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3149, 0.3109, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 230, 196) }
```

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

```
.background{ background-color: rgb(196,  
230, 196) }
```

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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