

Converting Colors

$Yxy(72.2876, 0.3087, 0.3642)$

Have a look what the booklet for
Yxy(72.2876, 0.3087, 0.3642)
contains.

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Color

Yxy(72.4529, 0.3090, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	C4E6C7
RGB	196, 230, 199
RGB Percent	77%, 90%, 78%
CMY	0.2314, 0.0980, 0.2196
CMYK	0.15, 0.00, 0.13, 0.10
HSL	125°, 40%, 84%
HSV	125°, 15%, 90%
XYZ	61.3705, 72.4529, 64.7866
YIQ	216.3000, -10.3130, -16.8490

Conversions

Conversions Part 2

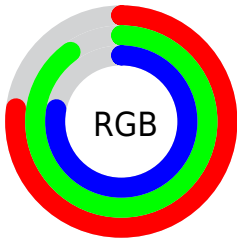
Format	Color
RYB	196, 227, 230
Decimal	12904135
CIELab	88.19, -16.92, 11.41
CIELCh	88, 20.409, 145.996
Yxy	72.4529, 0.3090, 0.3648
Android (android.graphics.Color)	4291094215 (0xFFC4E6C7)
YUV	216.3000, -8.5289, -17.8031
Hunter-Lab	85.1193, -20.2613, 14.4563

Details

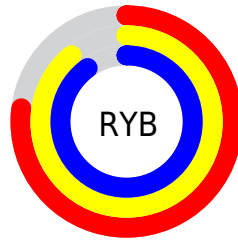
The Yxy color **72.4529, 0.3090, 0.3648** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.8487, 0.3166, 0.2956**, and the grayscale version is **68.9507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **38.0672, 0.3080, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **68.6966, 0.3064, 0.3929**, and if you desaturate by 10%, it is **76.8223, 0.3115, 0.3398**.

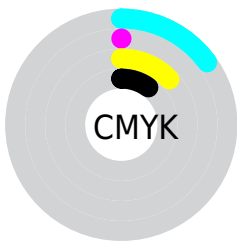
Distribution



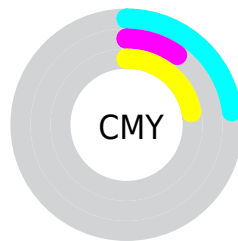
- Red (77%)
- Green (90%)
- Blue (78%)



- Red (77%)
- Yellow (89%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)





- Cyan (23%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4529, 0.3090, 0.3648 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 72.4529, 0.3090, 0.3648 by changing the saturation by 10% instead.


 72.4529, 0.3090,
0.3648

 72.4529, 0.3090,
0.3648


469.1165, 0.3109,
0.3478

 53.5287, 0.3085,
0.3688


122.7002, 0.3097,
0.3588

 38.2250, 0.3079,
0.3738


154.7921, 0.3100,
0.3565

 26.1574, 0.3070,
0.3802


192.0421, 0.3102,
0.3545

 16.9414, 0.3058,
0.3888

234.8345, 0.3104,
0.3528

 10.1927, 0.3040,
0.4008

283.5538, 0.3106,
0.3513

 5.5269, 0.3011,
0.4187

338.5843, 0.3107,

 2.5596, 0.2956,

0.3500

0.4484

400.3103, 0.3108,
0.3488

0.9064, 0.2905,
0.5872

0.0000, 0.0000,
0.0000

72.4529, 0.3090,
0.3648

72.4529, 0.3090,
0.3648

68.6966, 0.3064,
0.3929

76.8223, 0.3115,
0.3398

65.5173, 0.3038,
0.4238

81.8209, 0.3140,
0.3180

62.8891, 0.3014,
0.4568

85.0766, 0.3138,
0.3048

60.7806, 0.2994,
0.4904

■ 59.1571, 0.2980,
0.5228

■ 57.9799, 0.2973,
0.5516

■ 57.2040, 0.2974,
0.5745

■ 56.7752, 0.2982,
0.5899

■ 56.6484, 0.2986,
0.5951

Harmonies

Analogous

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



72.4529, 0.3335, 0.3727



72.4529, 0.3090, 0.3648



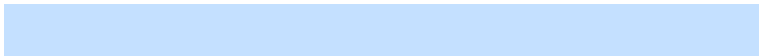
72.4529, 0.2861, 0.3460

Triad

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



72.4529, 0.3090, 0.3648



72.4529, 0.2734, 0.2904



72.4529, 0.3566, 0.3327

Complementary

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



72.4529, 0.3090, 0.3648



61.8487, 0.3166, 0.2956

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.



72.4529, 0.3392, 0.3124



72.4529, 0.3090, 0.3648



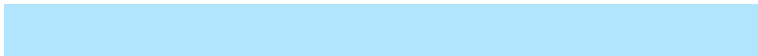
72.4529, 0.2909, 0.2885

Square

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



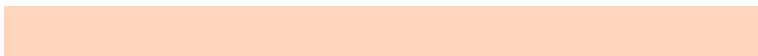
72.4529, 0.3090, 0.3648



72.4529, 0.2661, 0.3025



72.4529, 0.3150, 0.2966



72.4529, 0.3616, 0.3529

Rectangle

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



72.4529, 0.3090, 0.3648



72.4529, 0.2747, 0.3305



72.4529, 0.3150, 0.2966



72.4529, 0.3519, 0.3257

Sweetspot

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



72.4560, 0.3090, 0.3648



97.5321, 0.3117, 0.3381



76.9408, 0.3328, 0.3658



20.7797, 0.3115, 0.3398



0.0000, 0.0000, 0.0000



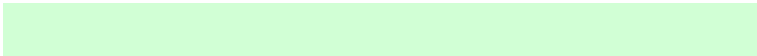
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4560, 0.3090, 0.3648



89.9022, 0.3081, 0.3738



73.2815, 0.2987, 0.3451



16.1098, 0.3104, 0.3511



32.0769, 0.2983, 0.5939



2.3775, 0.2940, 0.5783

Inverse Universe

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



61.8487, 0.3166, 0.2956



73.8712, 0.3176, 0.2880



60.9644, 0.3292, 0.3135



14.5921, 0.3151, 0.3079



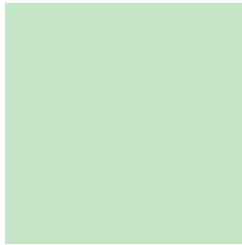
12.1580, 0.3444, 0.1671



0.9049, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 72.4529, 0.3090, 0.3648 looks on a white background.

Color Contrast Check

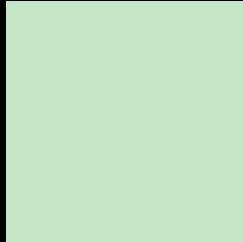
Large Text (above 18pt) WCAG AA × Fail

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 72.4529, 0.3090, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

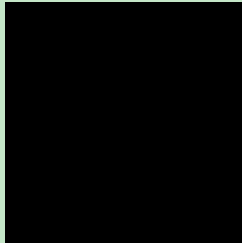
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

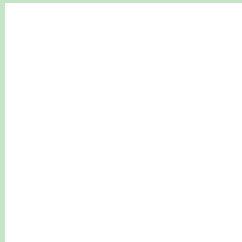
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4529, 0.3090, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 72.4529, 0.3090, 0.3648.

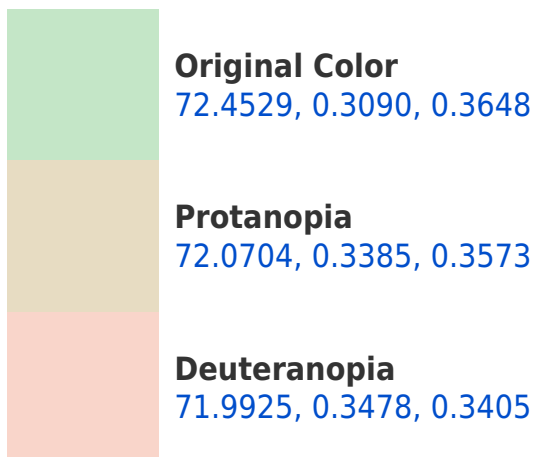


This preview shows how white text looks on a background with the Yxy color 72.4529, 0.3090, 0.3648.

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

72.4186, 0.2875, 0.3093

Trichromacy



Original Color

72.4529, 0.3090, 0.3648

Protanomaly

72.2023, 0.3269, 0.3602

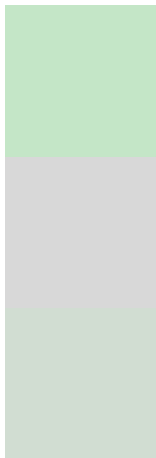
Deuteranomaly

71.7031, 0.3330, 0.3486

Tritanomaly

72.1631, 0.2951, 0.3289

Monochromacy



Original Color

72.4529, 0.3090, 0.3648

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.9214, 0.3114, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4529, 0.3090, 0.3648 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(196, 230, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 230, 199) }
```

Border

The CSS property to change the border of an element to Yxy 72.4529, 0.3090, 0.3648 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, 199) }
```

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

```
.border{ border-color:rgb(196, 230, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 230, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 230, 199);  
box-shadow:4px 4px 4px 4px rgb(196, 230,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4529, 0.3090, 0.3648 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, 199) }
```

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

```
.background{ background-color: rgb(196,  
230, 199) }
```

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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