

Converting Colors

$Yxy(72.2481, 0.3005, 0.3523)$

Have a look what the booklet for
Yxy(72.2481, 0.3005, 0.3523)
contains.

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Color

Yxy(72.5345, 0.3009, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	C1E6D1
RGB	193, 230, 209
RGB Percent	76%, 90%, 82%
CMY	0.2429, 0.0981, 0.1803
CMYK	0.16, 0.00, 0.09, 0.10
HSL	146°, 42%, 83%
HSV	146°, 16%, 90%
XYZ	61.8115, 72.5345, 71.0760
YIQ	216.5430, -15.3110, -14.3750

Conversions

Conversions Part 2

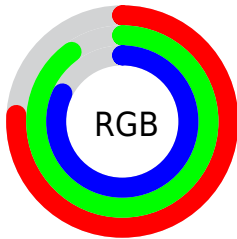
Format	Color
RYB	193, 219, 230
Decimal	12707537
CIELab	88.23, -16.05, 6.20
CIELCh	88, 17.212, 158.870
Yxy	72.5345, 0.3009, 0.3531
Android (android.graphics.Color)	4290897617 (0xFFC1E6D1)
YUV	216.5430, -3.7187, -20.6472
Hunter-Lab	85.1672, -19.4933, 10.1368

Details

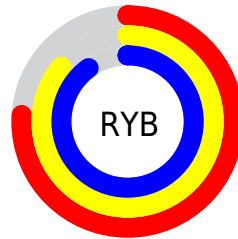
The Yxy color **72.5345, 0.3009, 0.3531** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.8464, 0.3266, 0.3061**, and the grayscale version is **69.1026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **38.1276, 0.2976, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **69.1242, 0.2939, 0.3704**, and if you desaturate by 10%, it is **76.4740, 0.3082, 0.3376**.

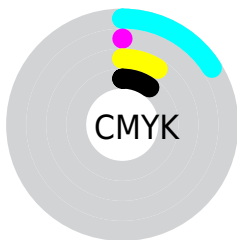
Distribution



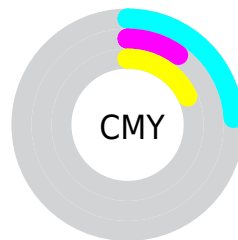
- Red (76%)
- Green (90%)
- Blue (82%)



- Red (76%)
- Yellow (86%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)





- Cyan (24%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5345, 0.3009, 0.3531 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 72.5345, 0.3009, 0.3531 by changing the saturation by 10% instead.


 72.5345, 0.3009,
0.3531

 72.5345, 0.3009,
0.3531


469.3999, 0.3065,
0.3417

 53.5954, 0.2996,
0.3558

 122.8161, 0.3029,
0.3491

 38.2783, 0.2980,
0.3591


154.9275, 0.3036,
0.3476

 26.1988, 0.2959,
0.3633


192.1984, 0.3043,
0.3463

 16.9724, 0.2931,
0.3690

235.0132, 0.3048,
0.3451

 10.2148, 0.2893,
0.3768

283.7564, 0.3053,
0.3441

 5.5416, 0.2836,
0.3885


338.8123, 0.3057,


 2.5684, 0.2742,


0.3432

0.4077


400.5653, 0.3061,
0.3424


 0.9108, 0.2438,
0.4690


 0.0000, 0.0000,
0.0000


 72.5345, 0.3009,
0.3531

 72.5345, 0.3009,
0.3531


 69.1242, 0.2939,
0.3704


 76.4740, 0.3082,
0.3376


 66.2110, 0.2874,
0.3894

 80.9551, 0.3156,
0.3238

 63.7734, 0.2819,
0.4099

 84.6370, 0.3182,
0.3113

 61.7845, 0.2776,
0.4316

 85.0671, 0.3138,
0.3048

■ 60.2148, 0.2748,
0.4540

■ 59.0307, 0.2739,
0.4763

■ 58.1938, 0.2750,
0.4979

■ 57.6560, 0.2779,
0.5179

■ 57.4953, 0.2793,
0.5253

Harmonies

Analogous

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



72.5345, 0.3217, 0.3641



72.5345, 0.3009, 0.3531



72.5345, 0.2837, 0.3351

Triad

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



72.5345, 0.3009, 0.3531



72.5345, 0.2849, 0.2945



72.5345, 0.3528, 0.3399

Complementary

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



72.5345, 0.3009, 0.3531



59.8464, 0.3266, 0.3061

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.



72.5345, 0.3423, 0.3222



72.5345, 0.3009, 0.3531



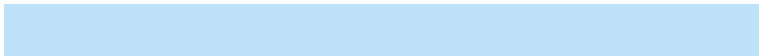
72.5345, 0.3027, 0.2966

Square

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



72.5345, 0.3009, 0.3531



72.5345, 0.2747, 0.3013



72.5345, 0.3238, 0.3066



72.5345, 0.3521, 0.3555

Rectangle

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



72.5345, 0.3009, 0.3531



72.5345, 0.2763, 0.3221



72.5345, 0.3238, 0.3066



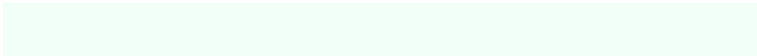
72.5345, 0.3505, 0.3340

Sweetspot

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



72.5376, 0.3009, 0.3531



97.2039, 0.3090, 0.3361



74.8274, 0.3257, 0.3702



20.7245, 0.3085, 0.3371



0.0000, 0.0000, 0.0000



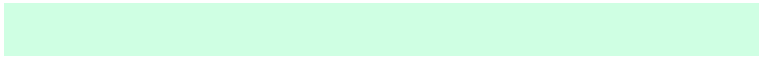
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5376, 0.3009, 0.3531



90.2936, 0.2987, 0.3582



73.4743, 0.2902, 0.3324



16.1921, 0.3057, 0.3427



32.5778, 0.2784, 0.5224



2.4257, 0.2705, 0.4937

Inverse Universe

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



59.8464, 0.3266, 0.3061



71.6121, 0.3297, 0.3015



58.9817, 0.3406, 0.3257



14.5045, 0.3204, 0.3157



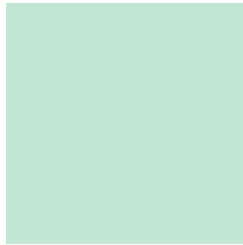
10.4711, 0.4669, 0.2346



0.7923, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 72.5345, 0.3009, 0.3531 looks on a white background.

Color Contrast Check

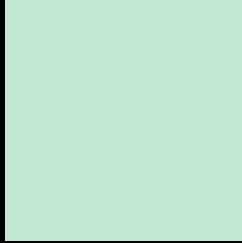
Large Text (above 18pt) WCAG AA × Fail

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 72.5345, 0.3009, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

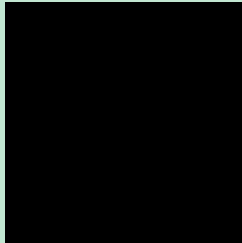
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

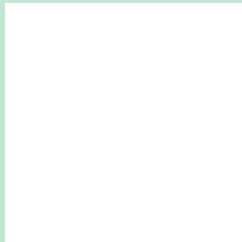
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5345, 0.3009, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 72.5345, 0.3009, 0.3531.

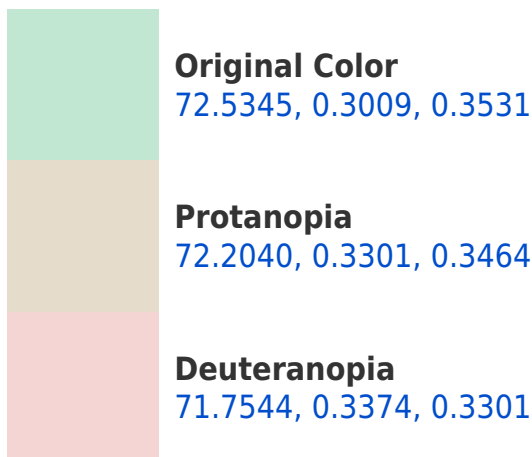


This preview shows how white text looks on a background with the Yxy color 72.5345, 0.3009, 0.3531.

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

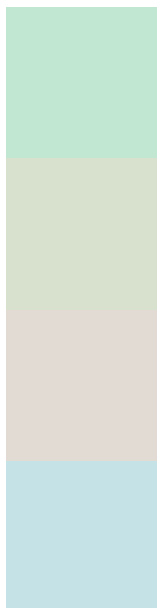




Tritanopia

72.4636, 0.2844, 0.3092

Trichromacy



Original Color

72.5345, 0.3009, 0.3531

Protanomaly

72.3665, 0.3188, 0.3490

Deuteranomaly

71.5349, 0.3232, 0.3377

Tritanomaly

72.5780, 0.2902, 0.3245

Monochromacy



Original Color

72.5345, 0.3009, 0.3531

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.5075, 0.3081, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5345, 0.3009, 0.3531 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(193, 230, 209)` looks like.

```
.text, #text, p{  
    color:rgb(193, 230, 209)  
}
```

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(193, 230, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 230, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.5345, 0.3009, 0.3531 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(193, 230, 209) }
```

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

```
.border{ border-color:rgb(193, 230, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 230, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 230, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 230, 209);  
box-shadow:4px 4px 4px 4px rgb(193, 230,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5345, 0.3009, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 230, 209) }
```

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

```
.background{ background-color: rgb(193,  
230, 209) }
```

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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