

Converting Colors

$Yxy(72.5488, 0.2961, 0.3252)$

Have a look what the booklet for
Yxy(72.5488, 0.2961, 0.3252)
contains.

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Color

Yxy(72.3449, 0.2959, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	CCE1E5
RGB	204, 225, 229
RGB Percent	80%, 88%, 90%
CMY	0.2001, 0.1176, 0.1019
CMYK	0.11, 0.02, 0.00, 0.10
HSL	190°, 33%, 85%
HSV	190°, 11%, 90%
XYZ	65.9687, 72.3449, 84.6290
YIQ	219.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

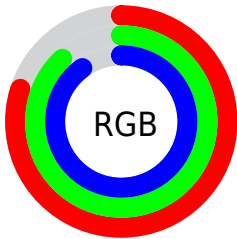
Format	Color
R_{YB}	204, 215, 229
Decimal	13427173
CIE _{Lab}	88.13, -6.16, -4.34
CIE _{LCh}	88, 7.539, 215.189
Yxy	72.3449, 0.2959, 0.3245
Android (android.graphics.Color)	4291617253 (0xFFCCE1E5)
YUV	219.1770, 4.8427, -13.3102
Hunter-Lab	85.0558, -10.4042, 0.5465

Details

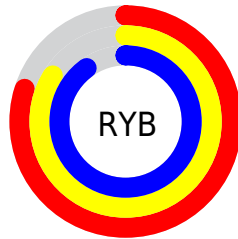
The Yxy color **72.3449, 0.2959, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1315, 0.3316, 0.3335**, and the grayscale version is **70.9414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2895, 0.2919, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **67.3828, 0.2810, 0.3200**, and if you desaturate by 10%, it is **77.8316, 0.3113, 0.3286**.

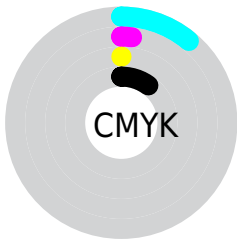
Distribution



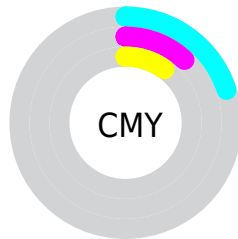
- Red (80%)
- Green (88%)
- Blue (90%)



- Red (80%)
- Yellow (84%)
- Blue (90%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3449, 0.2959, 0.3245 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 72.3449, 0.2959, 0.3245 by changing the saturation by 10% instead.

■ 72.3449, 0.2959,
0.3245

■ 72.3449, 0.2959,
0.3245

468.7412, 0.3037,
0.3266

■ 53.4405, 0.2941,
0.3240

122.5468, 0.2986,
0.3253

■ 38.1545, 0.2919,
0.3234

154.6130, 0.2996,
0.3255

■ 26.1026, 0.2892,
0.3226

191.8352, 0.3005,
0.3258

■ 16.9004, 0.2856,
0.3215

234.5980, 0.3013,
0.3260

■ 10.1635, 0.2807,
0.3200

283.2855, 0.3020,
0.3262

■ 5.5075, 0.2736,
0.3177

338.2823, 0.3026,

■ 2.5480, 0.2625,

0.3264

399.9727, 0.3032,
0.3265

0.3141

0.9006, 0.2410,
0.3077

0.0000, 0.0000,
0.0000

72.3449, 0.2959,
0.3245

72.3449, 0.2959,
0.3245

67.3828, 0.2810,
0.3200

77.8316, 0.3113,
0.3286

62.9151, 0.2668,
0.3151

83.8534, 0.3268,
0.3324

58.9226, 0.2537,
0.3099

86.9207, 0.3300,
0.3360

55.3808, 0.2419,
0.3045

89.0566, 0.3296,
0.3395

■ 52.2630, 0.2318,
0.2988

■ 91.2363, 0.3292,
0.3431

■ 49.5395, 0.2235,
0.2931

■ 93.4599, 0.3288,
0.3466

■ 47.1762, 0.2172,
0.2873

■ 95.7277, 0.3284,
0.3501

■ 45.1325, 0.2128,
0.2816

■ 98.0400, 0.3280,
0.3536

■ 43.4938, 0.2101,
0.2764

■ 98.4382, 0.3280,
0.3542

Harmonies

Analogous

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



72.3449, 0.3007, 0.3328



72.3449, 0.2959, 0.3245



72.3449, 0.2955, 0.3176

Triad

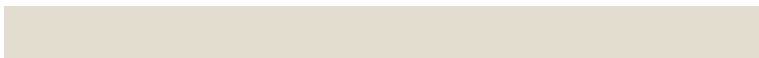
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3449, 0.2959, 0.3245



72.3449, 0.3166, 0.3183



72.3449, 0.3258, 0.3444

Complementary

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



72.3449, 0.2959, 0.3245



66.1315, 0.3316, 0.3335

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.



72.3449, 0.3302, 0.3402



72.3449, 0.2959, 0.3245



72.3449, 0.3248, 0.3252

Square

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



72.3449, 0.2959, 0.3245



72.3449, 0.3073, 0.3142



72.3449, 0.3298, 0.3331



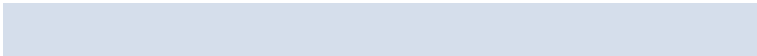
72.3449, 0.3179, 0.3444

Rectangle

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



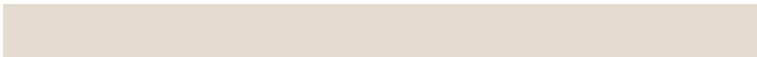
72.3449, 0.2959, 0.3245



72.3449, 0.2978, 0.3147



72.3449, 0.3298, 0.3331



72.3449, 0.3277, 0.3434

Sweetspot

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



72.3479, 0.2959, 0.3245



97.7980, 0.3080, 0.3278



73.4263, 0.3090, 0.3530



20.8091, 0.3068, 0.3275



0.0000, 0.0000, 0.0000



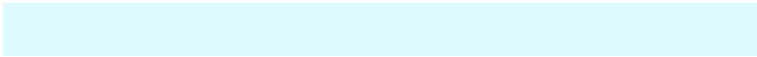
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3479, 0.2959, 0.3245



90.9024, 0.2926, 0.3236



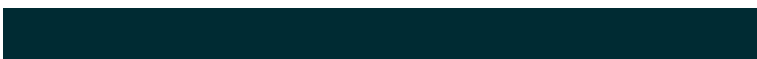
65.9555, 0.2957, 0.3107



15.9222, 0.2981, 0.3251



25.0115, 0.2104, 0.2773



1.9541, 0.2127, 0.2856

Inverse Universe

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



65.2771, 0.3168, 0.3064



80.3054, 0.3177, 0.3018



72.3422, 0.3301, 0.3467



14.5734, 0.3162, 0.3095



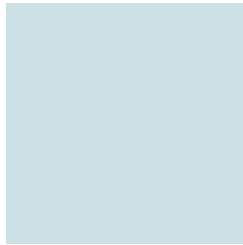
11.7226, 0.3660, 0.1790



0.8769, 0.3583, 0.1748

Previews

White Background



This preview shows how the Yxy color 72.3449, 0.2959, 0.3245 looks on a white background.

Color Contrast Check

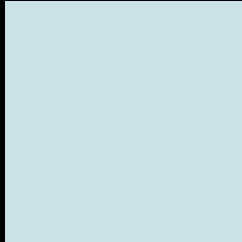
Large Text (above 18pt) WCAG AA × Fail

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 72.3449, 0.2959, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

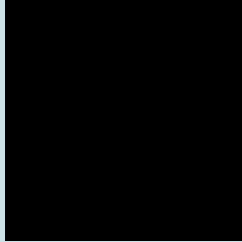
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

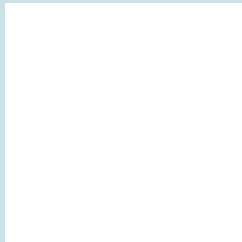
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3449, 0.2959, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 72.3449, 0.2959, 0.3245.

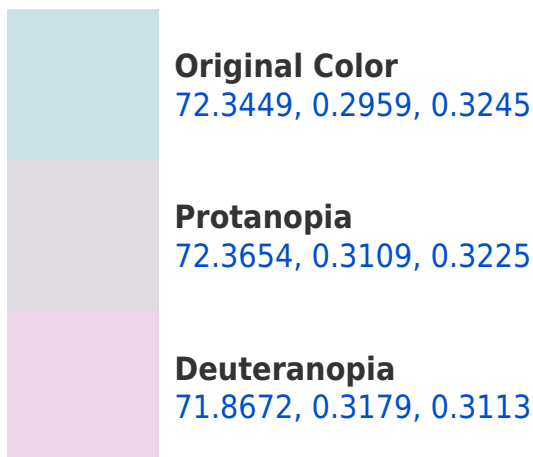


This preview shows how white text looks on a background with the Yxy color 72.3449, 0.2959, 0.3245.

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

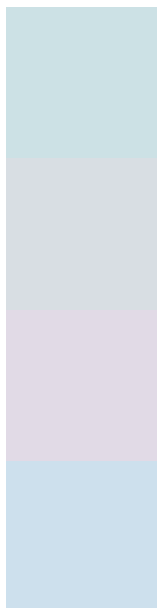




Tritanopia

72.2480, 0.2899, 0.3093

Trichromacy



Original Color

72.3449, 0.2959, 0.3245

Protanomaly

72.3875, 0.3053, 0.3235

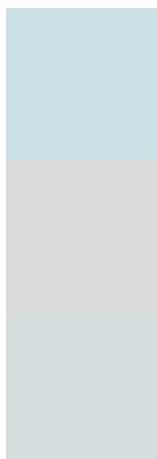
Deuteranomaly

71.8635, 0.3098, 0.3162

Tritanomaly

72.4049, 0.2917, 0.3147

Monochromacy



Original Color

72.3449, 0.2959, 0.3245

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3368, 0.3065, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3449, 0.2959, 0.3245 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(204, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(204, 225, 229)  
}
```

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(204, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 225, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.3449, 0.2959, 0.3245 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(204, 225, 229) }
```

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

```
.border{ border-color:rgb(204, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(204, 225,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3449, 0.2959, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 225, 229) }
```

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

```
.background{ background-color: rgb(204,  
225, 229) }
```

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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