

Converting Colors

$Yxy(72.9868, 0.2938, 0.3377)$

Have a look what the booklet for
Yxy(72.9868, 0.2938, 0.3377)
contains.

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Color

Yxy(72.7819, 0.2937, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	C2E5DE
RGB	194, 229, 222
RGB Percent	76%, 90%, 87%
CMY	0.2392, 0.1019, 0.1295
CMYK	0.15, 0.00, 0.03, 0.10
HSL	168°, 40%, 83%
HSV	168°, 15%, 90%
XYZ	63.4492, 72.7819, 79.8030
YIQ	217.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

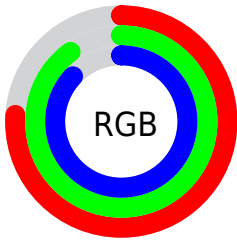
Format	Color
RYB	194, 213, 229
Decimal	12772830
CIELab	88.34, -12.77, -0.42
CIELCh	88, 12.779, 181.882
Yxy	72.7819, 0.2937, 0.3369
Android (android.graphics.Color)	4290962910 (0xFFC2E5DE)
YUV	217.7370, 2.1017, -20.8173
Hunter-Lab	85.3123, -16.5409, 4.2574

Details

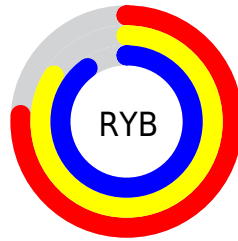
The Yxy color **72.7819, 0.2937, 0.3369** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.4573, 0.3358, 0.3213**, and the grayscale version is **69.9157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **38.6376, 0.2892, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **69.7420, 0.2821, 0.3427**, and if you desaturate by 10%, it is **76.3015, 0.3060, 0.3316**.

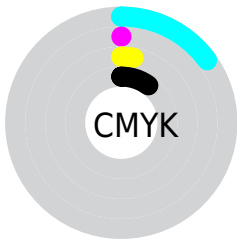
Distribution



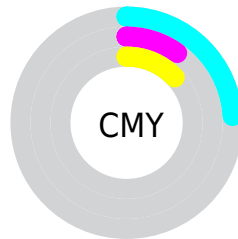
- Red (76%)
- Green (90%)
- Blue (87%)



- Red (76%)
- Yellow (84%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7819, 0.2937, 0.3369 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 72.7819, 0.2937, 0.3369 by changing the saturation by 10% instead.

■ 72.7819, 0.2937,
0.3369

■ 72.7819, 0.2937,
0.3369

470.2586, 0.3025,
0.3333

■ 53.7976, 0.2917,
0.3377

■ 123.1675, 0.2967,
0.3356

■ 38.4399, 0.2892,
0.3387

155.3377, 0.2979,
0.3352

■ 26.3243, 0.2861,
0.3400

192.6720, 0.2990,
0.3347

■ 17.0664, 0.2820,
0.3417

235.5547, 0.2998,
0.3344

■ 10.2818, 0.2764,
0.3440

284.3704, 0.3006,
0.3340

■ 5.5862, 0.2683,
0.3473

339.5033, 0.3013,

■ 2.5952, 0.2556,

0.3338

401.3379, 0.3019,
0.3335

0.3525

0.9242, 0.2240,
0.3657

0.0000, 0.0000,
0.0000

72.7819, 0.2937,
0.3369

72.7819, 0.2937,
0.3369

69.7420, 0.2821,
0.3427

76.3015, 0.3060,
0.3316

67.1513, 0.2715,
0.3490


80.3116, 0.3188,
0.3268

64.9899, 0.2623,
0.3556


83.3454, 0.3263,
0.3224


63.2326, 0.2546,
0.3626

83.6153, 0.3233,
0.3179

 61.8518, 0.2487,
0.3698


 83.8922, 0.3203,
0.3135


 60.8162, 0.2448,
0.3772


 84.1760, 0.3174,
0.3091

 60.0895, 0.2428,
0.3845

 84.4667, 0.3145,
0.3047

 59.6270, 0.2428,
0.3918

 84.5232, 0.3139,
0.3039

 59.4665, 0.2431,
0.3952

Harmonies

Analogous

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



72.7819, 0.3076, 0.3492



72.7819, 0.2937, 0.3369



72.7819, 0.2850, 0.3226

Triad

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



72.7819, 0.2937, 0.3369



72.7819, 0.3019, 0.3038



72.7819, 0.3428, 0.3465

Complementary

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



72.7819, 0.2937, 0.3369



59.4573, 0.3358, 0.3213

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.



72.7819, 0.3413, 0.3343



72.7819, 0.2937, 0.3369



72.7819, 0.3174, 0.3100

Square

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



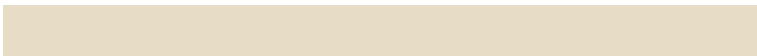
72.7819, 0.2937, 0.3369



72.7819, 0.2896, 0.3039



72.7819, 0.3319, 0.3210



72.7819, 0.3360, 0.3545

Rectangle

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



72.7819, 0.2937, 0.3369



72.7819, 0.2832, 0.3142



72.7819, 0.3319, 0.3210



72.7819, 0.3432, 0.3427

Sweetspot

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



72.7849, 0.2937, 0.3369



97.4980, 0.3063, 0.3315



72.4359, 0.3160, 0.3692



20.7961, 0.3054, 0.3318



0.0000, 0.0000, 0.0000



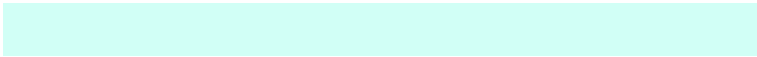
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7849, 0.2937, 0.3369



91.7314, 0.2904, 0.3385



67.8345, 0.2891, 0.3176



16.2843, 0.3008, 0.3337



34.0149, 0.2428, 0.3941



2.5262, 0.2399, 0.3834

Inverse Universe

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



59.4573, 0.3358, 0.3213



71.9877, 0.3410, 0.3198



63.6989, 0.3397, 0.3401



14.4150, 0.3261, 0.3243



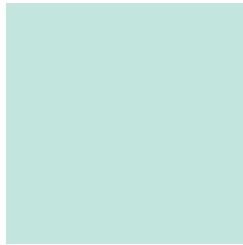
9.6503, 0.6068, 0.3117



0.7262, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 72.7819, 0.2937, 0.3369 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 72.7819, 0.2937, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

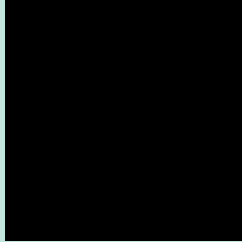
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

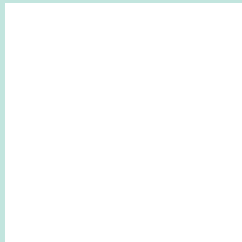
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7819, 0.2937, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 72.7819, 0.2937, 0.3369.

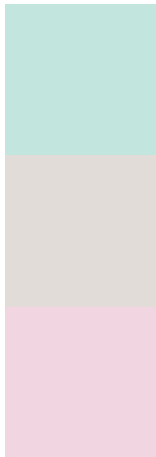


This preview shows how white text looks on a background with the Yxy color 72.7819, 0.2937, 0.3369.

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



Original Color

72.7819, 0.2937, 0.3369

Protanopia

72.3649, 0.3190, 0.3323

Deuteranopia

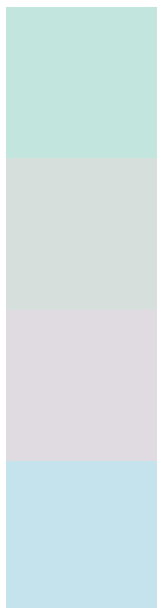
72.2301, 0.3250, 0.3176



Tritanopia

72.9301, 0.2832, 0.3092

Trichromacy



Original Color

72.7819, 0.2937, 0.3369

Protanomaly

72.1860, 0.3090, 0.3334

Deuteranomaly

71.8921, 0.3130, 0.3236

Tritanomaly

72.8646, 0.2873, 0.3189

Monochromacy



Original Color

72.7819, 0.2937, 0.3369

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9123, 0.3056, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7819, 0.2937, 0.3369 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(194, 229, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 222)  
}
```

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(194, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.7819, 0.2937, 0.3369 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(194, 229, 222) }
```

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

```
.border{ border-color:rgb(194, 229, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 229, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 229, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 229, 222); box-shadow:4px 4px 4px 4px rgb(194, 229, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7819, 0.2937, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 222) }
```

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

```
.background{ background-color: rgb(194,  
229, 222) }
```

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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