

Converting Colors

$Yxy(72.3632, 0.2911, 0.3356)$

Have a look what the booklet for
Yxy(72.3632, 0.2911, 0.3356)
contains.

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Color

Yxy(72.4427, 0.2912, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	BF E5 DF
RGB	191, 229, 223
RGB Percent	75%, 90%, 87%
CMY	0.2510, 0.1019, 0.1256
CMYK	0.17, 0.00, 0.03, 0.10
HSL	170°, 42%, 82%
HSV	170°, 17%, 90%
XYZ	62.8211, 72.4427, 80.4679
YIQ	216.9540, -20.7220, -9.9220

Conversions

Conversions Part 2

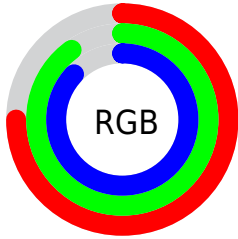
Format	Color
RYB	191, 212, 229
Decimal	12576223
CIELab	88.18, -13.52, -1.20
CIELCh	88, 13.573, 185.068
Yxy	72.4427, 0.2912, 0.3358
Android (android.graphics.Color)	4290766303 (0xFFBFE5DF)
YUV	216.9540, 2.9807, -22.7617
Hunter-Lab	85.1133, -17.1996, 3.5253

Details

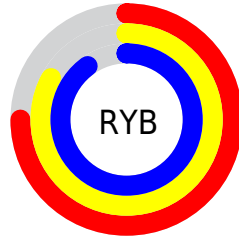
The Yxy color **72.4427, 0.2912, 0.3358** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.9521, 0.3394, 0.3223**, and the grayscale version is **69.3451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **38.0327, 0.2860, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **69.5113, 0.2792, 0.3404**, and if you desaturate by 10%, it is **75.8485, 0.3040, 0.3316**.

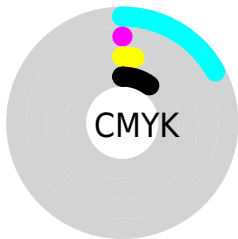
Distribution



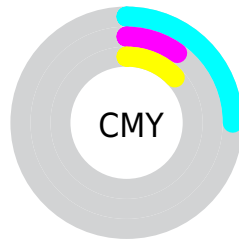
- Red (75%)
- Green (90%)
- Blue (87%)



- Red (75%)
- Yellow (83%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)





- Cyan (25%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4427, 0.2912, 0.3358 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 72.4427, 0.2912, 0.3358 by changing the saturation by 10% instead.


 72.4427, 0.2912,
0.3358

 72.4427, 0.2912,
0.3358


469.0810, 0.3011,
0.3327

 53.5204, 0.2889,
0.3365


 122.6857, 0.2946,
0.3347

 38.2184, 0.2861,
0.3374


154.7752, 0.2960,
0.3343

 26.1522, 0.2826,
0.3384


192.0226, 0.2971,
0.3340

 16.9375, 0.2779,
0.3399

234.8122, 0.2982,
0.3336

 10.1900, 0.2716,
0.3418

283.5285, 0.2990,
0.3334

 5.5251, 0.2625,
0.3445


338.5557, 0.2998,

 2.5585, 0.2482,


0.3331


400.2785, 0.3005,
0.3329


0.3486


 0.9059, 0.2114,
0.3608


 0.0000, 0.0000,
0.0000


 72.4427, 0.2912,
0.3358


 72.4427, 0.2912,
0.3358


 69.5113, 0.2792,
0.3404


 75.8485, 0.3040,
0.3316


 67.0238, 0.2684,
0.3453


 79.7399, 0.3173,
0.3277

 64.9599, 0.2590,
0.3506

 83.2365, 0.3276,
0.3242


 63.2943, 0.2512,
0.3560

 83.4473, 0.3252,
0.3207


 61.9989, 0.2452,
0.3617

 83.6624, 0.3228,
0.3171


 61.0419, 0.2412,
0.3673

 83.8819, 0.3204,
0.3136


 60.3863, 0.2392,
0.3730

 84.1057, 0.3181,
0.3101

 59.9849, 0.2389,
0.3787

 84.3338, 0.3158,
0.3067

 59.8793, 0.2391,
0.3806

 84.5231, 0.3139,
0.3039

Harmonies

Analogous

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



72.4427, 0.3055, 0.3493



72.4427, 0.2912, 0.3358



72.4427, 0.2827, 0.3207

Triad

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



72.4427, 0.2912, 0.3358



72.4427, 0.3029, 0.3026



72.4427, 0.3443, 0.3488

Complementary

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



72.4427, 0.2912, 0.3358



57.9521, 0.3394, 0.3223

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.



72.4427, 0.3437, 0.3360



72.4427, 0.2912, 0.3358



72.4427, 0.3194, 0.3099

Square

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



72.4427, 0.2912, 0.3358



72.4427, 0.2893, 0.3020



72.4427, 0.3345, 0.3219



72.4427, 0.3363, 0.3566

Rectangle

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



72.4427, 0.2912, 0.3358



72.4427, 0.2813, 0.3119



72.4427, 0.3345, 0.3219



72.4427, 0.3451, 0.3449

Sweetspot

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



72.4457, 0.2912, 0.3358



97.5319, 0.3060, 0.3309



71.7198, 0.3150, 0.3732



20.8043, 0.3051, 0.3312



0.0000, 0.0000, 0.0000



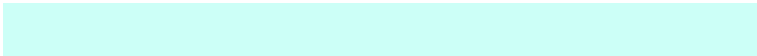
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4457, 0.2912, 0.3358



91.0673, 0.2869, 0.3374



66.0186, 0.2870, 0.3144



16.2951, 0.3003, 0.3327



34.2482, 0.2388, 0.3797



2.5414, 0.2365, 0.3715

Inverse Universe

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



57.9521, 0.3394, 0.3223



69.2037, 0.3464, 0.3208



63.4486, 0.3420, 0.3432



14.4051, 0.3268, 0.3253



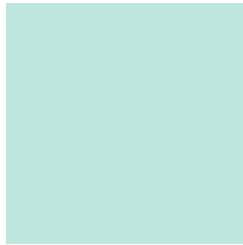
9.6096, 0.6171, 0.3173



0.7215, 0.5805, 0.2971

Previews

White Background



This preview shows how the Yxy color 72.4427, 0.2912, 0.3358 looks on a white background.

Color Contrast Check

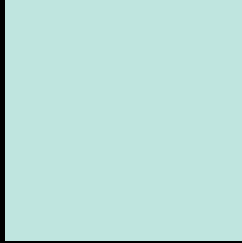
Large Text (above 18pt) WCAG AA × Fail

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 72.4427, 0.2912, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

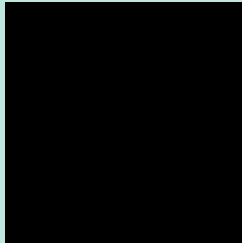
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

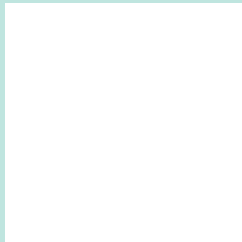
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4427, 0.2912, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 72.4427, 0.2912, 0.3358.

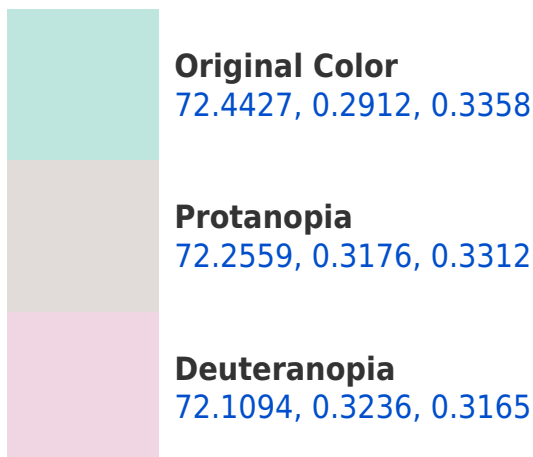


This preview shows how white text looks on a background with the Yxy color 72.4427, 0.2912, 0.3358.

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

72.5265, 0.2814, 0.3091

Trichromacy



Original Color

72.4427, 0.2912, 0.3358

Protanomaly

72.0888, 0.3077, 0.3323

Deuteranomaly

71.6289, 0.3109, 0.3225

Tritanomaly

72.4636, 0.2854, 0.3189

Monochromacy



Original Color

72.4427, 0.2912, 0.3358

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2373, 0.3049, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4427, 0.2912, 0.3358 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(191, 229, 223)` looks like.

```
.text, #text, p{  
    color:rgb(191, 229, 223)  
}
```

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(191, 229, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 229, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.4427, 0.2912, 0.3358 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(191, 229, 223) }
```

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

```
.border{ border-color:rgb(191, 229, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 229, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 229, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 229, 223);  
box-shadow:4px 4px 4px 4px rgb(191, 229,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4427, 0.2912, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 229, 223) }
```

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

```
.background{ background-color: rgb(191,  
229, 223) }
```

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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