

Converting Colors

$Yxy(71.8839, 0.2827, 0.3262)$

Have a look what the booklet for
Yxy(71.8839, 0.2827, 0.3262)
contains.

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Color

Yxy(72.1224, 0.2828, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	B9E5E7
RGB	185, 229, 231
RGB Percent	73%, 90%, 91%
CMY	0.2746, 0.1019, 0.0940
CMYK	0.20, 0.01, 0.00, 0.09
HSL	183°, 49%, 82%
HSV	183°, 20%, 91%
XYZ	62.4501, 72.1224, 86.2554
YIQ	216.0720, -26.8660, -8.7060

Conversions

Conversions Part 2

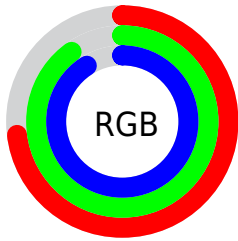
Format	Color
R _Y B	185, 207, 231
Decimal	12183015
CIE Lab	88.03, -13.72, -5.70
CIE LCh	88, 14.853, 202.564
Yxy	72.1224, 0.2828, 0.3266
Android (android.graphics.Color)	4290373095 (0xFFB9E5E7)
YUV	216.0720, 7.3595, -27.2501
Hunter-Lab	84.9249, -17.3573, -0.7714

Details

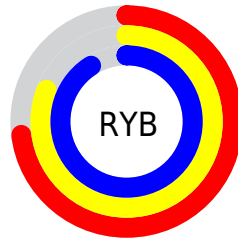
The Yxy color **72.1224, 0.2828, 0.3266** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.0401, 0.3518, 0.3314**, and the grayscale version is **68.6838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **37.8076, 0.2762, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **68.9206, 0.2692, 0.3253**, and if you desaturate by 10%, it is **75.8002, 0.2974, 0.3279**.

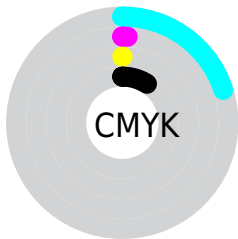
Distribution



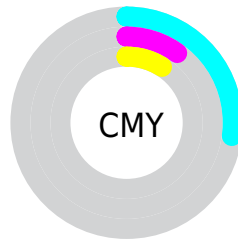
- Red (73%)
- Green (90%)
- Blue (91%)



- Red (73%)
- Yellow (81%)
- Blue (91%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)




- Cyan (27%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1224, 0.2828, 0.3266 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 72.1224, 0.2828, 0.3266 by changing the saturation by 10% instead.

 72.1224, 0.2828,
0.3266

 72.1224, 0.2828,
0.3266


467.9675, 0.2966,
0.3279

 53.2587, 0.2797,
0.3263


 122.2305, 0.2876,
0.3271

 38.0093, 0.2758,
0.3258


154.2437, 0.2894,
0.3273

 25.9899, 0.2710,
0.3253


191.4089, 0.2910,
0.3274

 16.8161, 0.2647,
0.3245

234.1103, 0.2924,
0.3275

 10.1035, 0.2561,
0.3233

282.7325, 0.2936,
0.3276

 5.4676, 0.2439,
0.3213

337.6599, 0.2947,

 2.5241, 0.2250,

0.3277

0.3179

399.2767, 0.2957,
0.3278

0.8887, 0.1806,
0.3148

0.0000, 0.0000,
0.0000

72.1224, 0.2828,
0.3266

72.1224, 0.2828,
0.3266

68.9206, 0.2692,
0.3253

75.8002, 0.2974,
0.3279

66.1635, 0.2570,
0.3239

79.9663, 0.3128,
0.3290

63.8297, 0.2463,
0.3224

84.6432, 0.3286,
0.3301

61.8923, 0.2375,
0.3209

85.3524, 0.3290,
0.3311

■ 60.3217, 0.2306,
0.3194

■ 85.9304, 0.3289,
0.3321

■ 59.0838, 0.2256,
0.3179

■ 86.5117, 0.3288,
0.3331

■ 58.1380, 0.2225,
0.3165

■ 87.0963, 0.3287,
0.3341

■ 57.4154, 0.2209,
0.3150

■ 87.6843, 0.3286,
0.3351

■ 57.4109, 0.2208,
0.3150

■ 88.2756, 0.3285,
0.3361

Harmonies

Analogous

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



72.1224, 0.2951, 0.3432



72.1224, 0.2828, 0.3266



72.1224, 0.2784, 0.3113

Triad

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



72.1224, 0.2828, 0.3266



72.1224, 0.3124, 0.3040



72.1224, 0.3433, 0.3565

Complementary

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



72.1224, 0.2828, 0.3266



56.0401, 0.3518, 0.3314

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.



72.1224, 0.3483, 0.3452



72.1224, 0.2828, 0.3266



72.1224, 0.3302, 0.3153

Square

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



72.1224, 0.2828, 0.3266



72.1224, 0.2951, 0.2989



72.1224, 0.3435, 0.3302



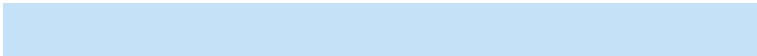
72.1224, 0.3299, 0.3607

Rectangle

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



72.1224, 0.2828, 0.3266



72.1224, 0.2804, 0.3039



72.1224, 0.3435, 0.3302



72.1224, 0.3460, 0.3534

Sweetspot

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



72.1254, 0.2828, 0.3266



96.7837, 0.3034, 0.3283



71.0499, 0.3092, 0.3820



20.6437, 0.3024, 0.3282



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.



72.1254, 0.2828, 0.3266



88.4754, 0.2770, 0.3261



60.4530, 0.2811, 0.3002



16.2218, 0.2982, 0.3279



32.2243, 0.2209, 0.3152



2.4151, 0.2215, 0.3174

Inverse Universe

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



57.3411, 0.3166, 0.2816



66.8022, 0.3175, 0.2715



66.3638, 0.3470, 0.3562



14.6037, 0.3145, 0.3068



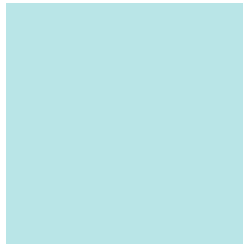
12.4508, 0.3322, 0.1604



0.9235, 0.3304, 0.1594

Previews

White Background



This preview shows how the Yxy color 72.1224, 0.2828, 0.3266 looks on a white background.

Color Contrast Check

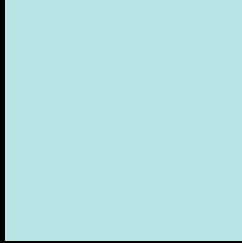
Large Text (above 18pt) WCAG AA × Fail

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 72.1224, 0.2828, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

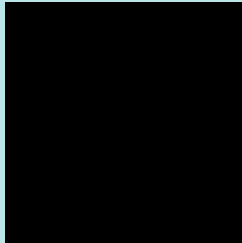
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

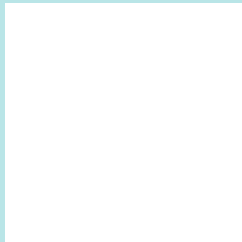
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1224, 0.2828, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 72.1224, 0.2828, 0.3266.

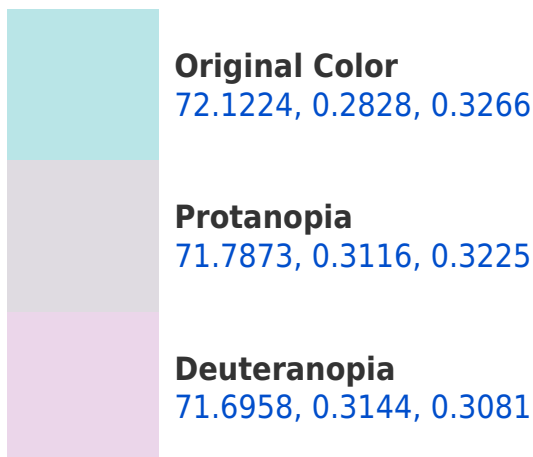


This preview shows how white text looks on a background with the Yxy color 72.1224, 0.2828, 0.3266.

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

72.2221, 0.2767, 0.3089

Trichromacy



Original Color

72.1224, 0.2828, 0.3266

Protanomaly

71.8767, 0.3005, 0.3246

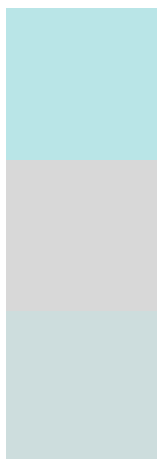
Deuteranomaly

71.2979, 0.3022, 0.3138

Tritanomaly

72.3429, 0.2789, 0.3154

Monochromacy



Original Color

72.1224, 0.2828, 0.3266

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.9125, 0.3015, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1224, 0.2828, 0.3266 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(185, 229, 231)` looks like.

```
.text, #text, p{  
    color:rgb(185, 229, 231)  
}
```

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(185, 229, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 229, 231) }
```

Border

The CSS property to change the border of an element to Yxy 72.1224, 0.2828, 0.3266 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(185, 229, 231) }
```

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

```
.border{ border-color:rgb(185, 229, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 229, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 229, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 229, 231);  
box-shadow:4px 4px 4px 4px rgb(185, 229,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1224, 0.2828, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 229, 231) }
```

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

```
.background{ background-color: rgb(185,  
229, 231) }
```

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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