

Converting Colors

$Yxy(72.6555, 0.2919, 0.3267)$

Have a look what the booklet for
Yxy(72.6555, 0.2919, 0.3267)
contains.

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Color

Yxy(72.6011, 0.2921, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	C6E3E5
RGB	198, 227, 229
RGB Percent	78%, 89%, 90%
CMY	0.2233, 0.1098, 0.1020
CMYK	0.14, 0.01, 0.00, 0.10
HSL	184°, 37%, 84%
HSV	184°, 14%, 90%
XYZ	64.9121, 72.6011, 84.7124
YIQ	218.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

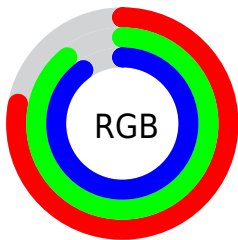
Format	Color
R_{YB}	198, 213, 229
Decimal	13034469
CIE _{Lab}	88.26, -9.07, -4.19
CIE _{LCh}	88, 9.990, 204.819
Y _{xy}	72.6011, 0.2921, 0.3267
Android (android.graphics.Color)	4291224549 (0xFFC6E3E5)
YUV	218.5570, 5.1484, -18.0285
Hunter-Lab	85.2063, -13.1256, 0.6981

Details

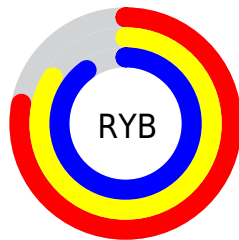
The Yxy color **72.6011, 0.2921, 0.3267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0764, 0.3372, 0.3313**, and the grayscale version is **70.4974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4903, 0.2871, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **68.9160, 0.2777, 0.3248**, and if you desaturate by 10%, it is **76.7697, 0.3073, 0.3284**.

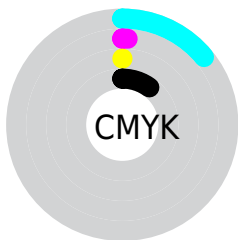
Distribution



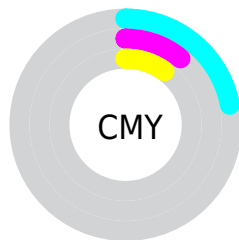
- Red (78%)
- Green (89%)
- Blue (90%)



- Red (78%)
- Yellow (84%)
- Blue (90%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6011, 0.2921, 0.3267 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 72.6011, 0.2921, 0.3267 by changing the saturation by 10% instead.

■ 72.6011, 0.2921,
0.3267

■ 72.6011, 0.2921,
0.3267

469.6311, 0.3016,
0.3279

■ 53.6499, 0.2899,
0.3264

122.9108, 0.2954,
0.3271

■ 38.3218, 0.2873,
0.3261

155.0379, 0.2967,
0.3273

■ 26.2325, 0.2839,
0.3256

192.3259, 0.2978,
0.3274

■ 16.9977, 0.2795,
0.3250

235.1590, 0.2987,
0.3275

■ 10.2328, 0.2735,
0.3240

283.9217, 0.2996,
0.3276

■ 5.5536, 0.2650,
0.3226

338.9984, 0.3003,

■ 2.5756, 0.2516,

0.3277

400.7734, 0.3010,
0.3278

0.3202

0.9144, 0.2242,
0.3166

0.0000, 0.0000,
0.0000

72.6011, 0.2921,
0.3267

72.6011, 0.2921,
0.3267

68.9160, 0.2777,
0.3248

76.7697, 0.3073,
0.3284

65.6842, 0.2645,
0.3228

81.4325, 0.3229,
0.3300

62.8862, 0.2526,
0.3208

84.3112, 0.3306,
0.3315

60.4973, 0.2423,
0.3186

85.1458, 0.3304,
0.3329

■ 58.4903, 0.2339,
0.3164

■ 85.9875, 0.3302,
0.3344

■ 56.8348, 0.2274,
0.3142

■ 86.8363, 0.3301,
0.3358

■ 55.4956, 0.2229,
0.3120

■ 87.6921, 0.3299,
0.3373

■ 54.4300, 0.2201,
0.3098

■ 88.5550, 0.3297,
0.3387

■ 53.8405, 0.2190,
0.3084

■ 89.4251, 0.3296,
0.3402

Harmonies

Analogous

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



72.6011, 0.3001, 0.3377



72.6011, 0.2921, 0.3267



72.6011, 0.2895, 0.3166

Triad

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



72.6011, 0.2921, 0.3267



72.6011, 0.3135, 0.3125



72.6011, 0.3327, 0.3479

Complementary

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



72.6011, 0.2921, 0.3267



62.0764, 0.3372, 0.3313

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.



72.6011, 0.3365, 0.3408



72.6011, 0.2921, 0.3267



72.6011, 0.3253, 0.3205

Square

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



72.6011, 0.2921, 0.3267



72.6011, 0.3017, 0.3087



72.6011, 0.3338, 0.3307



72.6011, 0.3235, 0.3501

Rectangle

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



72.6011, 0.2921, 0.3267



72.6011, 0.2912, 0.3118



72.6011, 0.3338, 0.3307



72.6011, 0.3347, 0.3460

Sweetspot

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



72.6041, 0.2921, 0.3267



97.6963, 0.3065, 0.3283



72.2000, 0.3101, 0.3628



20.8208, 0.3053, 0.3282



0.0000, 0.0000, 0.0000



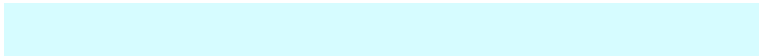
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6041, 0.2921, 0.3267



91.3941, 0.2883, 0.3262



64.7497, 0.2916, 0.3096



16.1683, 0.2982, 0.3274



30.8554, 0.2191, 0.3087



2.3286, 0.2200, 0.3119

Inverse Universe

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



62.6207, 0.3157, 0.2978



76.5056, 0.3163, 0.2917



69.3756, 0.3349, 0.3477



14.5983, 0.3148, 0.3073



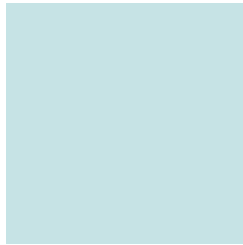
12.3126, 0.3378, 0.1634



0.9148, 0.3351, 0.1620

Previews

White Background



This preview shows how the Yxy color 72.6011, 0.2921, 0.3267 looks on a white background.

Color Contrast Check

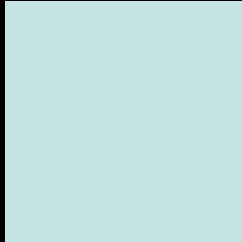
Large Text (above 18pt) WCAG AA × Fail

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 72.6011, 0.2921, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

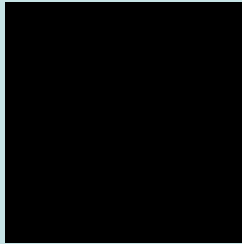
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

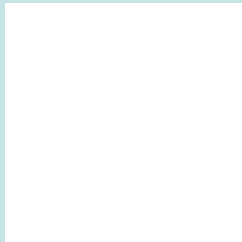
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6011, 0.2921, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 72.6011, 0.2921, 0.3267.

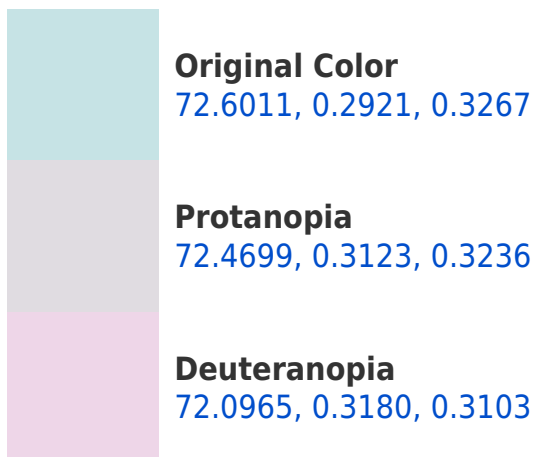


This preview shows how white text looks on a background with the Yxy color 72.6011, 0.2921, 0.3267.

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

72.7390, 0.2856, 0.3092

Trichromacy



Original Color

72.6011, 0.2921, 0.3267

Protanomaly

72.7134, 0.3052, 0.3257

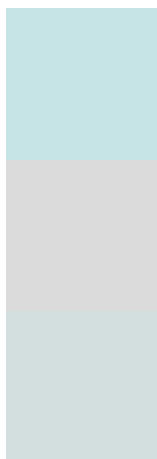
Deuteranomaly

72.1205, 0.3077, 0.3161

Tritanomaly

72.8451, 0.2880, 0.3157

Monochromacy



Original Color

72.6011, 0.2921, 0.3267

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.4191, 0.3044, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6011, 0.2921, 0.3267 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(198, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(198, 227, 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(198, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 227, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.6011, 0.2921, 0.3267 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(198, 227, 229) }
```

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

```
.border{ border-color:rgb(198, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(198, 227,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6011, 0.2921, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 227, 229) }
```

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

```
.background{ background-color: rgb(198,  
227, 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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