

Converting Colors

$Yxy(73.1279, 0.2927, 0.3281)$

Have a look what the booklet for
Yxy(73.1279, 0.2927, 0.3281)
contains.

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Color

Yxy(73.2861, 0.2927, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C7E4E5
RGB	199, 228, 229
RGB Percent	78%, 89%, 90%
CMY	0.2197, 0.1059, 0.1019
CMYK	0.13, 0.00, 0.00, 0.10
HSL	182°, 37%, 84%
HSV	182°, 13%, 90%
XYZ	65.4388, 73.2861, 84.8446
YIQ	219.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

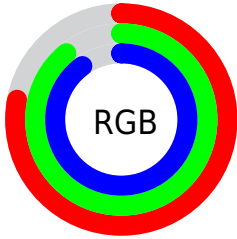
Format	Color
RYB	199, 214, 229
Decimal	13100261
CIELab	88.58, -9.29, -3.73
CIELCh	89, 10.007, 201.855
Yxy	73.2861, 0.2927, 0.3278
Android (android.graphics.Color)	4291290341 (0xFFC7E4E5)
YUV	219.4430, 4.7116, -17.9285
Hunter-Lab	85.6073, -13.3662, 1.1633

Details

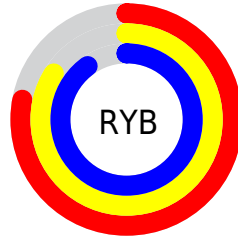
The Yxy color **73.2861, 0.2927, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0962, 0.3365, 0.3302**, and the grayscale version is **71.1387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9629, 0.2879, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **69.9615, 0.2784, 0.3268**, and if you desaturate by 10%, it is **77.0902, 0.3079, 0.3287**.

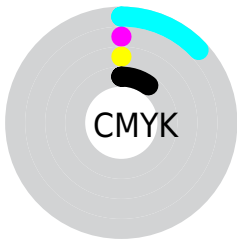
Distribution



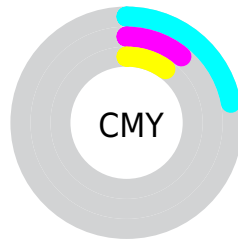
- Red (78%)
- Green (89%)
- Blue (90%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2861, 0.2927, 0.3278 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 73.2861, 0.2927, 0.3278 by changing the saturation by 10% instead.

■ 73.2861, 0.2927,
0.3278

■ 73.2861, 0.2927,
0.3278

472.0058, 0.3019,
0.3284

■ 54.2099, 0.2906,
0.3276

123.8833, 0.2959,
0.3280

■ 38.7695, 0.2880,
0.3274

156.1731, 0.2971,
0.3281

■ 26.5805, 0.2848,
0.3272

193.6362, 0.2982,
0.3282

■ 17.2584, 0.2805,
0.3268

236.6571, 0.2991,
0.3283

■ 10.4189, 0.2748,
0.3262

285.6201, 0.3000,
0.3283

■ 5.6776, 0.2665,
0.3253

340.9096, 0.3007,

■ 2.6500, 0.2536,

0.3284

402.9100, 0.3013,
0.3284

0.3237

0.9519, 0.2283,
0.3213

0.0000, 0.0000,
0.0000

73.2861, 0.2927,
0.3278

73.2861, 0.2927,
0.3278

69.9615, 0.2784,
0.3268

77.0902, 0.3079,
0.3287

67.0862, 0.2653,
0.3258

81.3843, 0.3236,
0.3296

64.6406, 0.2536,
0.3247

83.7029, 0.3307,
0.3304

62.6004, 0.2437,
0.3235

84.1379, 0.3306,
0.3311

60.9384, 0.2356,
0.3224

84.5749, 0.3305,
0.3319

59.6242, 0.2294,
0.3212

85.0139, 0.3304,
0.3327

58.6230, 0.2252,
0.3201

85.4548, 0.3303,
0.3334

57.8924, 0.2227,
0.3190

85.8976, 0.3302,
0.3342

57.5006, 0.2217,
0.3182

86.3424, 0.3301,
0.3350

Harmonies

Analogous

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



73.2861, 0.3012, 0.3387



73.2861, 0.2927, 0.3278



73.2861, 0.2895, 0.3175

Triad

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



73.2861, 0.2927, 0.3278



73.2861, 0.3123, 0.3119



73.2861, 0.3333, 0.3474

Complementary

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



73.2861, 0.2927, 0.3278



62.0962, 0.3365, 0.3302

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.



73.2861, 0.3365, 0.3398



73.2861, 0.2927, 0.3278



73.2861, 0.3242, 0.3196

Square

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



73.2861, 0.2927, 0.3278



73.2861, 0.3007, 0.3086



73.2861, 0.3331, 0.3297



73.2861, 0.3246, 0.3501

Rectangle

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



73.2861, 0.2927, 0.3278



73.2861, 0.2908, 0.3124



73.2861, 0.3331, 0.3297



73.2861, 0.3351, 0.3453

Sweetspot

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



73.2892, 0.2927, 0.3278



97.8955, 0.3065, 0.3286



72.3634, 0.3105, 0.3624



20.8714, 0.3053, 0.3286



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.



73.2892, 0.2927, 0.3278



92.1847, 0.2883, 0.3275



65.3893, 0.2922, 0.3108



16.2479, 0.2982, 0.3282



32.9048, 0.2218, 0.3184



2.4580, 0.2222, 0.3200

Inverse Universe

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



63.1038, 0.3150, 0.2978



76.5854, 0.3155, 0.2905



69.3900, 0.3343, 0.3466



14.6063, 0.3143, 0.3066



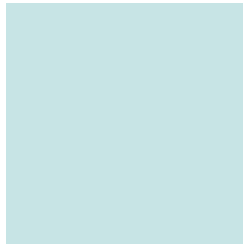
12.5195, 0.3296, 0.1589



0.9278, 0.3282, 0.1582

Previews

White Background



This preview shows how the Yxy color 73.2861, 0.2927, 0.3278 looks on a white background.

Color Contrast Check

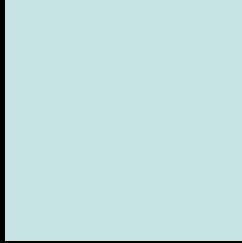
Large Text (above 18pt) WCAG AA × Fail

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 73.2861, 0.2927, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

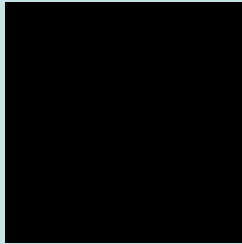
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

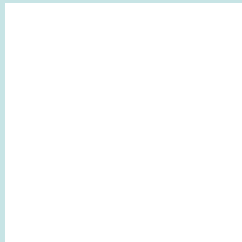
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2861, 0.2927, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 73.2861, 0.2927, 0.3278.

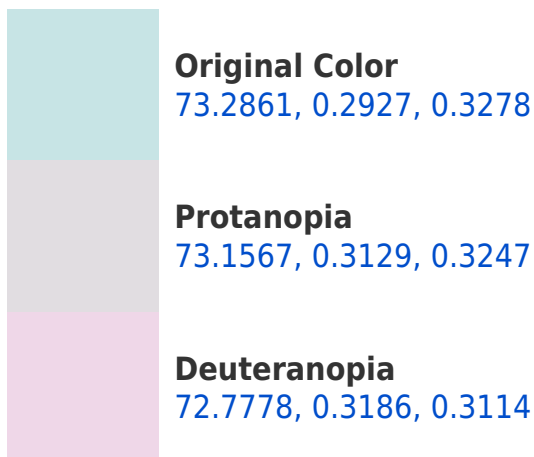


This preview shows how white text looks on a background with the Yxy color 73.2861, 0.2927, 0.3278.

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

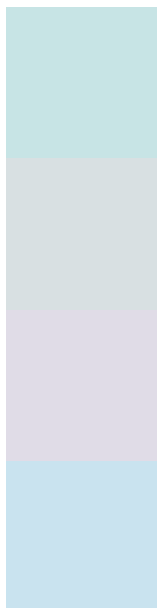




Tritanopia

73.4809, 0.2858, 0.3093

Trichromacy



Original Color

73.2861, 0.2927, 0.3278

Protanomaly

73.4012, 0.3059, 0.3268

Deuteranomaly

72.8032, 0.3083, 0.3172

Tritanomaly

73.5877, 0.2881, 0.3158

Monochromacy



Original Color

73.2861, 0.2927, 0.3278

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.5673, 0.3051, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2861, 0.2927, 0.3278 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(199, 228, 229)` looks like.

```
.text, #text, p{  
    color:rgb(199, 228, 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(199, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 228, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.2861, 0.2927, 0.3278 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(199, 228, 229) }
```

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

```
.border{ border-color:rgb(199, 228, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(199, 228,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2861, 0.2927, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 228, 229) }
```

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

```
.background{ background-color: rgb(199,  
228, 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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