

Converting Colors

Yxy(73.2048, 0.2873, 0.3269)

Have a look what the booklet for
Yxy(73.2048, 0.2873, 0.3269)
contains.

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Color

Yxy(73.0146, 0.2872, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	C0E5E7
RGB	192, 229, 231
RGB Percent	75%, 90%, 91%
CMY	0.2469, 0.1020, 0.0942
CMYK	0.17, 0.01, 0.00, 0.09
HSL	183°, 45%, 83%
HSV	183°, 17%, 91%
XYZ	64.1867, 73.0146, 86.2900
YIQ	218.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

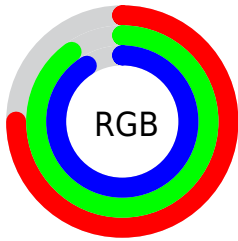
Format	Color
RYB	192, 211, 231
Decimal	12641767
CIELab	88.45, -11.56, -4.99
CIELCh	88, 12.594, 203.329
Yxy	73.0146, 0.2872, 0.3267
Android (android.graphics.Color)	4290831847 (0xFFC0E5E7)
YUV	218.1650, 6.3277, -22.9467
Hunter-Lab	85.4486, -15.4506, -0.0598

Details

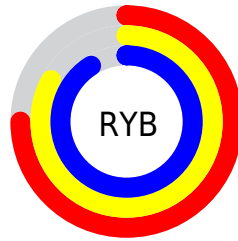
The Yxy color **73.0146, 0.2872, 0.3267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.3865, 0.3446, 0.3313**, and the grayscale version is **70.2042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **38.7705, 0.2817, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **69.5879, 0.2732, 0.3252**, and if you desaturate by 10%, it is **76.9249, 0.3021, 0.3281**.

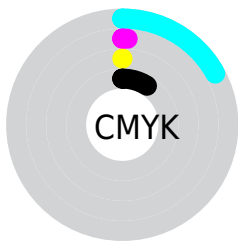
Distribution



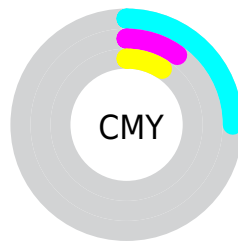
- Red (75%)
- Green (90%)
- Blue (91%)



- Red (75%)
- Yellow (83%)
- Blue (91%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)





- Cyan (25%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0146, 0.2872, 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 73.0146, 0.2872, 0.3267 by changing the saturation by 10% instead.


 73.0146, 0.2872,
0.3267

 73.0146, 0.2872,
0.3267

471.0654, 0.2989,
0.3279

 53.9879, 0.2845,
0.3264

 123.4979, 0.2913,
0.3271

 38.5920, 0.2813,
0.3260

155.7234, 0.2928,
0.3273

 26.4425, 0.2771,
0.3255

193.1172, 0.2942,
0.3274

 17.1549, 0.2717,
0.3248

236.0637, 0.2954,
0.3276

 10.3450, 0.2645,
0.3238

284.9474, 0.2964,
0.3277

 5.6283, 0.2540,
0.3222

340.1527, 0.2974,

 2.6204, 0.2380,

0.3277

0.3193

402.0639, 0.2982,
0.3278

0.9369, 0.2044,
0.3154

0.0000, 0.0000,
0.0000

73.0146, 0.2872,
0.3267

73.0146, 0.2872,
0.3267

69.5879, 0.2732,
0.3252

76.9249, 0.3021,
0.3281

66.6137, 0.2605,
0.3236


81.3303, 0.3177,
0.3294


64.0712, 0.2493,
0.3219

85.0309, 0.3291,
0.3306

61.9347, 0.2398,
0.3202


85.6950, 0.3290,
0.3317


 60.1752, 0.2322,
0.3185


 86.3636, 0.3289,
0.3329


 58.7603, 0.2266,
0.3168


 87.0366, 0.3288,
0.3340


 57.6519, 0.2228,
0.3151

 87.7140, 0.3286,
0.3352

 56.8011, 0.2207,
0.3134

 88.3959, 0.3285,
0.3363

 56.5611, 0.2203,
0.3129

 89.0822, 0.3284,
0.3375

Harmonies

Analogous

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



73.0146, 0.2975, 0.3406



73.0146, 0.2872, 0.3267



73.0146, 0.2836, 0.3139

Triad

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



73.0146, 0.2872, 0.3267



73.0146, 0.3129, 0.3080



73.0146, 0.3383, 0.3525

Complementary

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



73.0146, 0.2872, 0.3267



59.3865, 0.3446, 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.



73.0146, 0.3427, 0.3431



73.0146, 0.2872, 0.3267



73.0146, 0.3279, 0.3177

Square

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



73.0146, 0.2872, 0.3267



73.0146, 0.2982, 0.3035



73.0146, 0.3389, 0.3304



73.0146, 0.3270, 0.3557

Rectangle

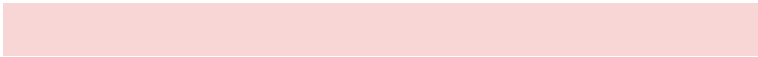
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0146, 0.2872, 0.3267



73.0146, 0.2854, 0.3077



73.0146, 0.3389, 0.3304



73.0146, 0.3407, 0.3499

Sweetspot

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



73.0176, 0.2872, 0.3267



97.2493, 0.3049, 0.3283



72.2440, 0.3094, 0.3722



20.7353, 0.3038, 0.3283



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.



73.0176, 0.2872, 0.3267



89.9369, 0.2825, 0.3262



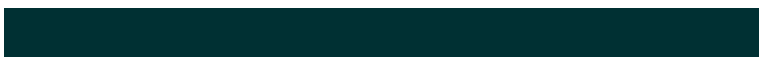
62.8590, 0.2862, 0.3043



16.2044, 0.2982, 0.3278



31.7744, 0.2203, 0.3131



2.3867, 0.2210, 0.3156

Inverse Universe

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



60.3618, 0.3161, 0.2893



71.5001, 0.3168, 0.2815



68.6108, 0.3410, 0.3525



14.6019, 0.3146, 0.3070



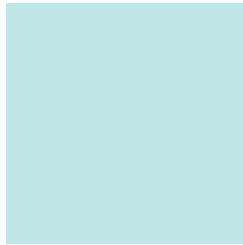
12.4054, 0.3340, 0.1614



0.9206, 0.3319, 0.1602

Previews

White Background



This preview shows how the Yxy color 73.0146, 0.2872, 0.3267 looks on a white background.

Color Contrast Check

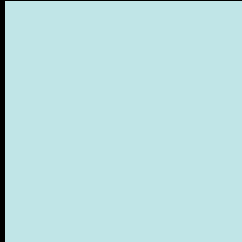
Large Text (above 18pt) WCAG AA × Fail

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 73.0146, 0.2872, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

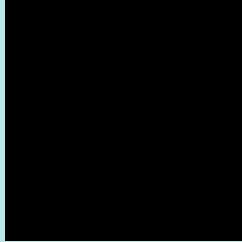
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

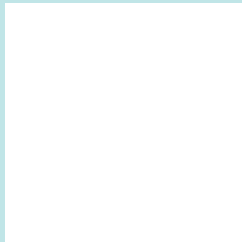
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0146, 0.2872, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 73.0146, 0.2872, 0.3267.

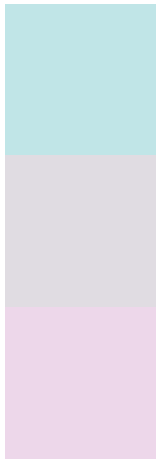


This preview shows how white text looks on a background with the Yxy color 73.0146, 0.2872, 0.3267.

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



Original Color

73.0146, 0.2872, 0.3267

Protanopia

72.5247, 0.3116, 0.3226

Deuteranopia

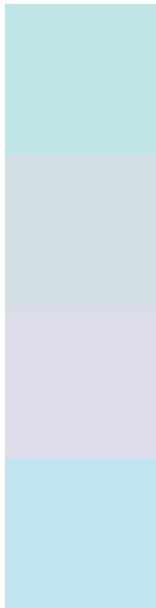
72.5459, 0.3158, 0.3093



Tritanopia

73.1328, 0.2809, 0.3091

Trichromacy



Original Color

73.0146, 0.2872, 0.3267

Protanomaly

72.3738, 0.3019, 0.3235

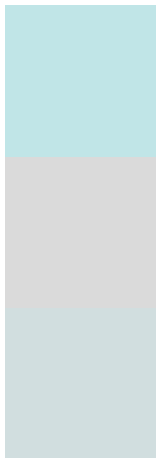
Deuteranomaly

72.4417, 0.3049, 0.3150

Tritanomaly

73.2474, 0.2832, 0.3156

Monochromacy



Original Color

73.0146, 0.2872, 0.3267

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1256, 0.3030, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0146, 0.2872, 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(192, 229, 231)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 229, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 229, 231) }
```

Border

The CSS property to change the border of an element to Yxy 73.0146, 0.2872, 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(192, 229, 231) }
```

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

```
.border{ border-color:rgb(192, 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(192, 229, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 229, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 229, 231);  
box-shadow:4px 4px 4px 4px rgb(192, 229,  
231) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.0146, 0.2872, 0.3267$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 229, 231) }
```

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

```
.background{ background-color: rgb(192,  
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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