

Converting Colors

$Yxy(73.9441, 0.2953, 0.3290)$

Have a look what the booklet for
Yxy(73.9441, 0.2953, 0.3290)
contains.

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Color

Yxy(73.6448, 0.2953, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	CAE4E4
RGB	202, 228, 228
RGB Percent	79%, 89%, 89%
CMY	0.2076, 0.1059, 0.1058
CMYK	0.11, 0.00, 0.00, 0.11
HSL	180°, 32%, 84%
HSV	180°, 11%, 89%
XYZ	66.1213, 73.6448, 84.1463
YIQ	220.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

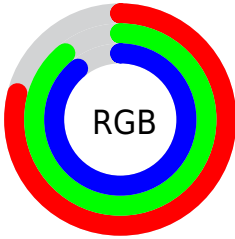
Format	Color
R_{YB}	202, 215, 228
Decimal	13296868
CIE _{Lab}	88.75, -8.49, -2.93
CIE _{LCh}	89, 8.982, 199.006
Yxy	73.6448, 0.2953, 0.3289
Android (android.graphics.Color)	4291486948 (0xFFCAE4E4)
YUV	220.2260, 3.8326, -15.9842
Hunter-Lab	85.8165, -12.6454, 1.9356

Details

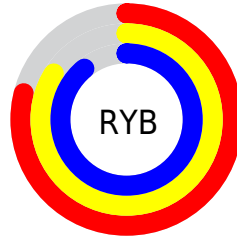
The Yxy color **73.6448, 0.2953, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.0615, 0.3331, 0.3291**, and the grayscale version is **71.7278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2002, 0.2912, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **70.6769, 0.2810, 0.3288**, and if you desaturate by 10%, it is **77.0889, 0.3106, 0.3290**.

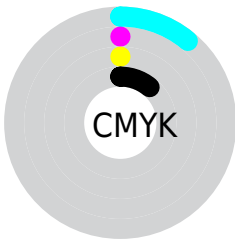
Distribution



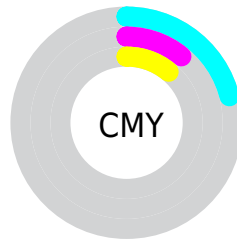
- Red (79%)
- Green (89%)
- Blue (89%)



- Red (79%)
- Yellow (84%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6448, 0.2953, 0.3289 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 73.6448, 0.2953, 0.3289 by changing the saturation by 10% instead.

■ 73.6448, 0.2953,
0.3289

■ 73.6448, 0.2953,
0.3289

473.2465, 0.3033,
0.3290

■ 54.5034, 0.2935,
0.3289

124.3922, 0.2981,
0.3289

■ 39.0042, 0.2912,
0.3288

156.7669, 0.2992,
0.3290

■ 26.7630, 0.2884,
0.3287

194.3215, 0.3001,
0.3290

■ 17.3953, 0.2847,
0.3286

237.4404, 0.3009,
0.3290

■ 10.5168, 0.2797,
0.3284

286.5079, 0.3016,
0.3290

■ 5.7429, 0.2725,
0.3281

341.9085, 0.3022,

■ 2.6894, 0.2612,

0.3290

0.3274

404.0266, 0.3028,
0.3290

0.9718, 0.2398,
0.3265

0.0000, 0.0000,
0.0000

73.6448, 0.2953,
0.3289

73.6448, 0.2953,
0.3289

70.6769, 0.2810,
0.3288

77.0889, 0.3106,
0.3290

68.1555, 0.2678,
0.3287


81.0191, 0.3264,
0.3291

66.0616, 0.2562,
0.3286


82.4013, 0.3316,
0.3291

64.3712, 0.2463,
0.3286


82.4215, 0.3316,
0.3292


 63.0581, 0.2382,
0.3285

 82.4416, 0.3316,
0.3292


 62.0929, 0.2321,
0.3284


 82.4618, 0.3316,
0.3292


 61.4421, 0.2279,
0.3284

 82.4819, 0.3316,
0.3293

 61.0652, 0.2255,
0.3283

 82.5021, 0.3316,
0.3293

 60.9027, 0.2245,
0.3283

 82.5223, 0.3316,
0.3293

Harmonies

Analogous

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



73.6448, 0.3033, 0.3385



73.6448, 0.2953, 0.3289



73.6448, 0.2919, 0.3195

Triad

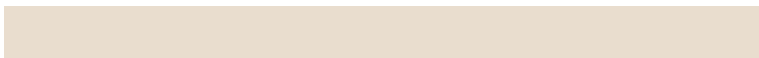
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6448, 0.2953, 0.3289



73.6448, 0.3113, 0.3132



73.6448, 0.3317, 0.3450

Complementary

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



73.6448, 0.2953, 0.3289



63.0615, 0.3331, 0.3291

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.



73.6448, 0.3340, 0.3380



73.6448, 0.2953, 0.3289



73.6448, 0.3221, 0.3198

Square

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



73.6448, 0.2953, 0.3289



73.6448, 0.3011, 0.3107



73.6448, 0.3304, 0.3287



73.6448, 0.3243, 0.3479

Rectangle

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



73.6448, 0.2953, 0.3289



73.6448, 0.2927, 0.3147



73.6448, 0.3304, 0.3287



73.6448, 0.3331, 0.3430

Sweetspot

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



73.6479, 0.2953, 0.3289



98.5700, 0.3080, 0.3290



72.3357, 0.3113, 0.3586



21.0183, 0.3068, 0.3290



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.



73.6479, 0.2953, 0.3289



93.8101, 0.2913, 0.3289



66.7962, 0.2950, 0.3143



16.3322, 0.2982, 0.3289



35.1603, 0.2245, 0.3283



2.5995, 0.2245, 0.3283

Inverse Universe

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



64.3747, 0.3141, 0.3011



79.2960, 0.3144, 0.2944



69.3924, 0.3313, 0.3432



14.6148, 0.3138, 0.3059



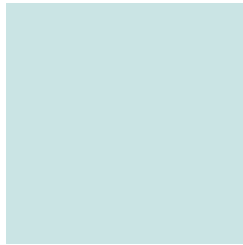
12.7472, 0.3213, 0.1544



0.9421, 0.3213, 0.1543

Previews

White Background



This preview shows how the Yxy color 73.6448, 0.2953, 0.3289 looks on a white background.

Color Contrast Check

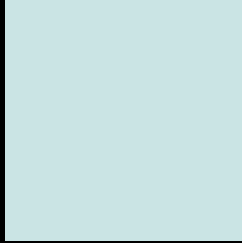
Large Text (above 18pt) WCAG AA × Fail

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 73.6448, 0.2953, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

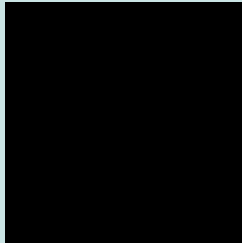
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

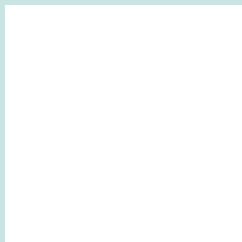
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6448, 0.2953, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 73.6448, 0.2953, 0.3289.

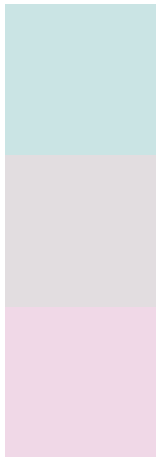


This preview shows how white text looks on a background with the Yxy color 73.6448, 0.2953, 0.3289.

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

73.6448, 0.2953, 0.3289

Protanopia

73.2635, 0.3143, 0.3258

Deuteranopia

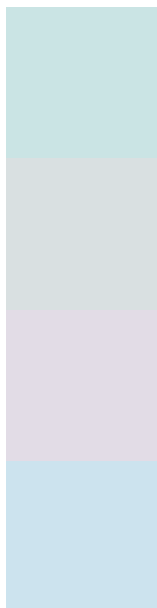
73.4065, 0.3200, 0.3135



Tritanopia

73.9035, 0.2877, 0.3094

Trichromacy



Original Color

73.6448, 0.2953, 0.3289

Protanomaly

73.4993, 0.3072, 0.3279

Deuteranomaly

73.0683, 0.3104, 0.3184

Tritanomaly

73.9486, 0.2906, 0.3169

Monochromacy



Original Color

73.6448, 0.2953, 0.3289

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.2492, 0.3058, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6448, 0.2953, 0.3289 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(202, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(202, 228, 228)  
}
```

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(202, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 228, 228) }
```

Border

The CSS property to change the border of an element to Yxy 73.6448, 0.2953, 0.3289 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(202, 228, 228) }
```

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

```
.border{ border-color:rgb(202, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(202, 228,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6448, 0.2953, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 228, 228) }
```

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

```
.background{ background-color: rgb(202,  
228, 228) }
```

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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