

Converting Colors

$Yxy(73.7005, 0.2947, 0.3278)$

Have a look what the booklet for
Yxy(73.7005, 0.2947, 0.3278)
contains.

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Color

Yxy(73.7005, 0.2947, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CAE4E5
RGB	202, 228, 229
RGB Percent	79%, 89%, 90%
CMY	0.2076, 0.1059, 0.1019
CMYK	0.12, 0.00, 0.00, 0.10
HSL	182°, 34%, 85%
HSV	182°, 12%, 90%
XYZ	66.2585, 73.7005, 84.8747
YIQ	220.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

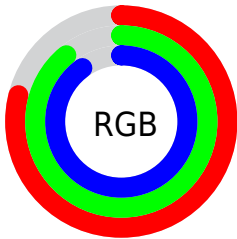
Format	Color
RYP	202, 215, 229
Decimal	13296869
CIELab	88.78, -8.30, -3.41
CIElCh	89, 8.973, 202.321
Yxy	73.7005, 0.2947, 0.3278
Android (android.graphics.Color)	4291486949 (0xFFCAE4E5)
YUV	220.3400, 4.2694, -16.0842
Hunter-Lab	85.8490, -12.4689, 1.4772

Details

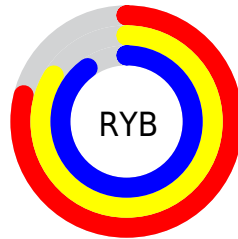
The Yxy color **73.7005, 0.2947, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.6877, 0.3337, 0.3302**, and the grayscale version is **71.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2390, 0.2904, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **70.2597, 0.2803, 0.3267**, and if you desaturate by 10%, it is **77.6241, 0.3100, 0.3288**.

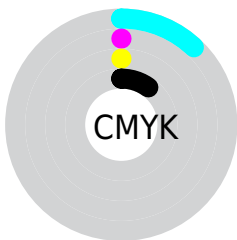
Distribution



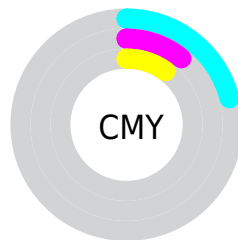
- Red (79%)
- Green (89%)
- Blue (90%)



- Red (79%)
- Yellow (84%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7005, 0.2947, 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 73.7005, 0.2947, 0.3278 by changing the saturation by 10% instead.

■ 73.7005, 0.2947,
0.3278

■ 73.7005, 0.2947,
0.3278

473.4391, 0.3030,
0.3284

■ 54.5489, 0.2928,
0.3276

124.4712, 0.2976,
0.3280

■ 39.0407, 0.2905,
0.3274

156.8590, 0.2987,
0.3281

■ 26.7914, 0.2876,
0.3272

194.4278, 0.2996,
0.3282

■ 17.4166, 0.2837,
0.3268

237.5619, 0.3005,
0.3282

■ 10.5320, 0.2786,
0.3263

286.6457, 0.3012,
0.3283

■ 5.7531, 0.2711,
0.3255

342.0635, 0.3019,

■ 2.6955, 0.2596,

0.3283

404.1999, 0.3025,
0.3284

0.3240

0.9749, 0.2379,
0.3215

0.0000, 0.0000,
0.0000

73.7005, 0.2947,
0.3278

73.7005, 0.2947,
0.3278

70.2597, 0.2803,
0.3267

77.6241, 0.3100,
0.3288

67.2715, 0.2669,
0.3255

82.0407, 0.3257,
0.3298

64.7168, 0.2550,
0.3243

83.8564, 0.3306,
0.3306

62.5713, 0.2448,
0.3230

84.3476, 0.3305,
0.3315

■ 60.8083, 0.2364,
0.3217

■ 84.8413, 0.3304,
0.3324

■ 59.3980, 0.2299,
0.3204

■ 85.3374, 0.3303,
0.3332

■ 58.3062, 0.2253,
0.3191

■ 85.8360, 0.3302,
0.3341

■ 57.4918, 0.2226,
0.3179

■ 86.3371, 0.3301,
0.3350

■ 56.9744, 0.2214,
0.3168

■ 86.8406, 0.3300,
0.3358

Harmonies

Analogous

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



73.7005, 0.3022, 0.3375



73.7005, 0.2947, 0.3278



73.7005, 0.2919, 0.3186

Triad

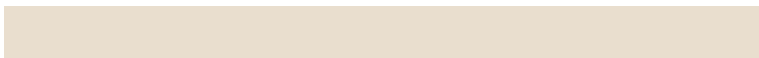
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7005, 0.2947, 0.3278



73.7005, 0.3125, 0.3138



73.7005, 0.3311, 0.3456

Complementary

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



73.7005, 0.2947, 0.3278



63.6877, 0.3337, 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.



73.7005, 0.3340, 0.3389



73.7005, 0.2947, 0.3278



73.7005, 0.3232, 0.3207

Square

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



73.7005, 0.2947, 0.3278



73.7005, 0.3021, 0.3107



73.7005, 0.3311, 0.3298



73.7005, 0.3232, 0.3479

Rectangle

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



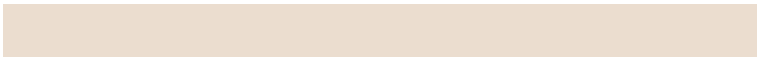
73.7005, 0.2947, 0.3278



73.7005, 0.2931, 0.3141



73.7005, 0.3311, 0.3298



73.7005, 0.3327, 0.3437

Sweetspot

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



73.7036, 0.2947, 0.3278



97.8675, 0.3065, 0.3286



72.9252, 0.3107, 0.3587



20.8643, 0.3053, 0.3285



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.



73.7036, 0.2947, 0.3278



92.9773, 0.2913, 0.3276



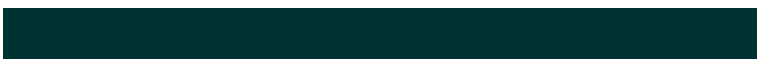
66.6444, 0.2944, 0.3128



16.2367, 0.2982, 0.3280



32.6115, 0.2214, 0.3170



2.4395, 0.2219, 0.3189

Inverse Universe

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



64.5346, 0.3148, 0.3012



79.2120, 0.3152, 0.2956



70.2669, 0.3319, 0.3447



14.6052, 0.3144, 0.3067



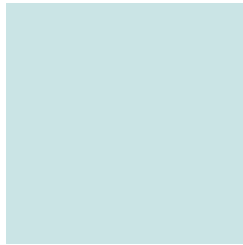
12.4899, 0.3307, 0.1595



0.9260, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 73.7005, 0.2947, 0.3278 looks on a white background.

Color Contrast Check

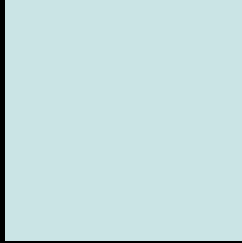
Large Text (above 18pt) WCAG AA × Fail

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 73.7005, 0.2947, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

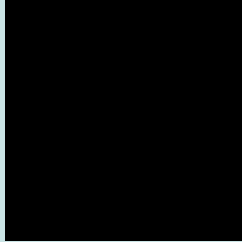
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

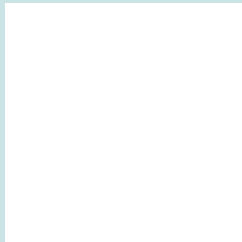
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7005, 0.2947, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 73.7005, 0.2947, 0.3278.

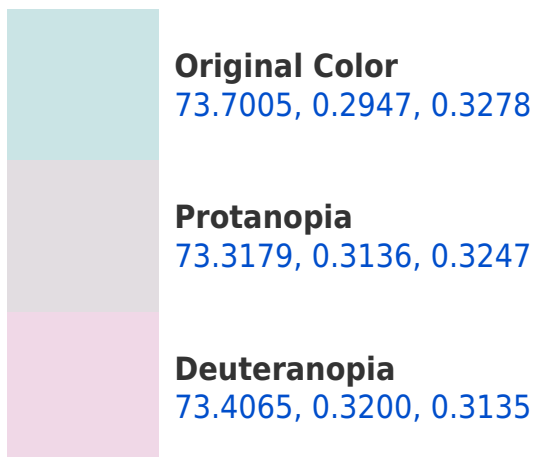


This preview shows how white text looks on a background with the Yxy color 73.7005, 0.2947, 0.3278.

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

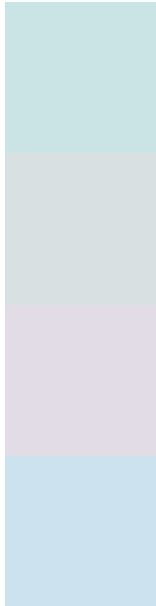




Tritanopia

73.9035, 0.2877, 0.3094

Trichromacy



Original Color

73.7005, 0.2947, 0.3278

Protanomaly

73.5540, 0.3066, 0.3268

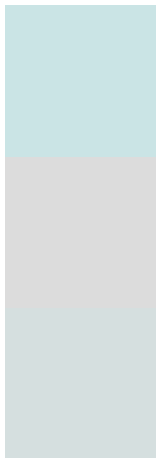
Deuteranomaly

73.0683, 0.3104, 0.3184

Tritanomaly

74.0075, 0.2900, 0.3158

Monochromacy



Original Color

73.7005, 0.2947, 0.3278

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 73.7005, 0.2947, 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(202, 228, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 228, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.7005, 0.2947, 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(202, 228, 229) }
```

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

```
.border{ border-color:rgb(202, 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(202, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 228,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7005, 0.2947, 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(202, 228, 229) }
```

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

```
.background{ background-color: rgb(202,  
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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