

Converting Colors

$Yxy(73.7424, 0.2954, 0.3247)$

Have a look what the booklet for
Yxy(73.7424, 0.2954, 0.3247)
contains.

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Color

Yxy(73.6868, 0.2954, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	CDE3E7
RGB	205, 227, 231
RGB Percent	80%, 89%, 91%
CMY	0.1960, 0.1098, 0.0940
CMYK	0.11, 0.02, 0.00, 0.09
HSL	189°, 35%, 86%
HSV	189°, 11%, 91%
XYZ	67.0788, 73.6868, 86.3123
YIQ	220.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

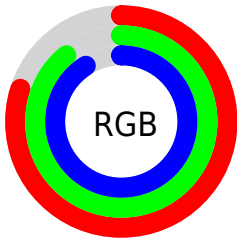
Format	Color
R _Y B	205, 217, 231
Decimal	13493223
CIE Lab	88.77, -6.45, -4.45
CIE LCh	89, 7.838, 214.616
Yxy	73.6868, 0.2954, 0.3245
Android (android.graphics.Color)	4291683303 (0xFFCDE3E7)
YUV	220.8780, 4.9901, -13.9250
Hunter-Lab	85.8410, -10.7363, 0.4732

Details

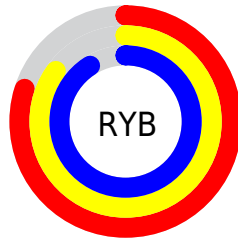
The Yxy color **73.6868, 0.2954, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0378, 0.3323, 0.3335**, and the grayscale version is **72.1942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1795, 0.2921, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **68.7003, 0.2805, 0.3201**, and if you desaturate by 10%, it is **79.2056, 0.3108, 0.3285**.

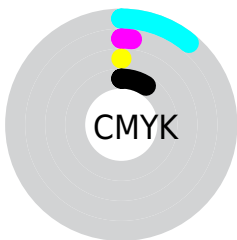
Distribution



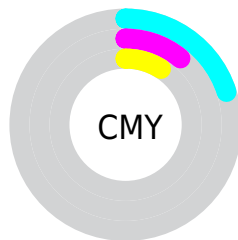
- Red (80%)
- Green (89%)
- Blue (91%)



- Red (80%)
- Yellow (85%)
- Blue (91%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6868, 0.2954, 0.3245 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 73.6868, 0.2954, 0.3245 by changing the saturation by 10% instead.

■ 73.6868, 0.2954,
0.3245

■ 73.6868, 0.2954,
0.3245

473.3917, 0.3034,
0.3266

■ 54.5377, 0.2936,
0.3240

124.4517, 0.2982,
0.3253

■ 39.0317, 0.2914,
0.3234

156.8364, 0.2992,
0.3255

■ 26.7844, 0.2885,
0.3226

194.4017, 0.3002,
0.3258

■ 17.4114, 0.2849,
0.3215

237.5320, 0.3010,
0.3260

■ 10.5282, 0.2799,
0.3200

286.6118, 0.3017,
0.3262

■ 5.7506, 0.2728,
0.3178

342.0254, 0.3023,

■ 2.6940, 0.2617,

0.3264

0.3142

404.1572, 0.3029,
0.3265

0.9742, 0.2417,
0.3075

0.0000, 0.0000,
0.0000

73.6868, 0.2954,
0.3245

73.6868, 0.2954,
0.3245

68.7003, 0.2805,
0.3201

79.2056, 0.3108,
0.3285

64.2153, 0.2664,
0.3154


85.2674, 0.3263,
0.3322

60.2119, 0.2533,
0.3103

88.0402, 0.3285,
0.3357

56.6653, 0.2417,
0.3051

90.1477, 0.3282,
0.3392

 53.5481, 0.2317,
0.2996


 92.2971, 0.3278,
0.3426


 50.8297, 0.2235,
0.2940


 94.4885, 0.3274,
0.3461

 48.4753, 0.2174,
0.2884

 96.7223, 0.3270,
0.3495

 46.4429, 0.2131,
0.2829

 98.5514, 0.3268,
0.3522

 44.8697, 0.2106,
0.2781

Harmonies

Analogous

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



73.6868, 0.3004, 0.3331



73.6868, 0.2954, 0.3245



73.6868, 0.2949, 0.3173

Triad

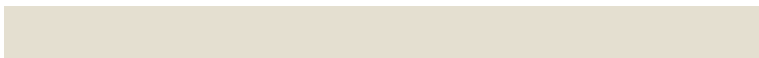
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6868, 0.2954, 0.3245



73.6868, 0.3165, 0.3178



73.6868, 0.3264, 0.3448

Complementary

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



73.6868, 0.2954, 0.3245



67.0378, 0.3323, 0.3335

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.



73.6868, 0.3308, 0.3404



73.6868, 0.2954, 0.3245



73.6868, 0.3251, 0.3249

Square

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



73.6868, 0.2954, 0.3245



73.6868, 0.3070, 0.3136



73.6868, 0.3304, 0.3331



73.6868, 0.3183, 0.3450

Rectangle

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



73.6868, 0.2954, 0.3245



73.6868, 0.2973, 0.3143



73.6868, 0.3304, 0.3331



73.6868, 0.3283, 0.3438

Sweetspot

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



73.6899, 0.2954, 0.3245



97.8221, 0.3080, 0.3278



74.7537, 0.3089, 0.3538



20.8156, 0.3068, 0.3275



0.0000, 0.0000, 0.0000



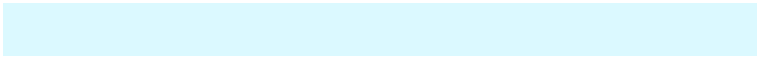
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6899, 0.2954, 0.3245



90.3599, 0.2911, 0.3233



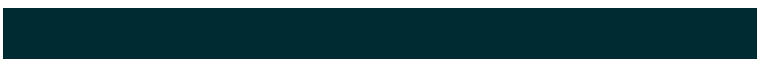
66.9139, 0.2952, 0.3101



15.9350, 0.2981, 0.3253



25.2961, 0.2108, 0.2790



1.9725, 0.2131, 0.2870

Inverse Universe

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



66.2168, 0.3169, 0.3055



78.9477, 0.3180, 0.2995



73.6100, 0.3306, 0.3472



14.5747, 0.3162, 0.3094



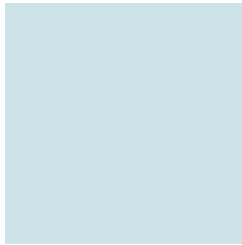
11.7514, 0.3644, 0.1781



0.8788, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 73.6868, 0.2954, 0.3245 looks on a white background.

Color Contrast Check

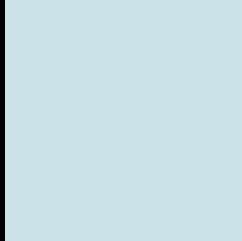
Large Text (above 18pt) WCAG AA × Fail

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 73.6868, 0.2954, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

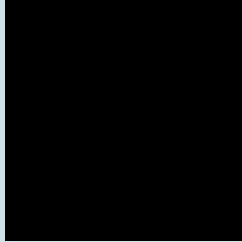
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

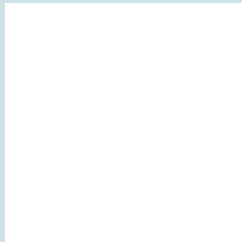
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6868, 0.2954, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 73.6868, 0.2954, 0.3245.

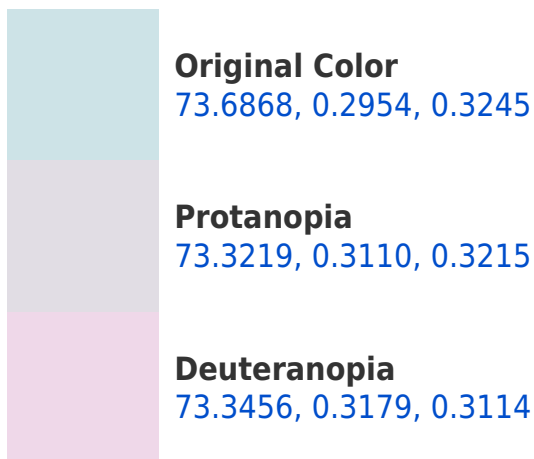


This preview shows how white text looks on a background with the Yxy color 73.6868, 0.2954, 0.3245.

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

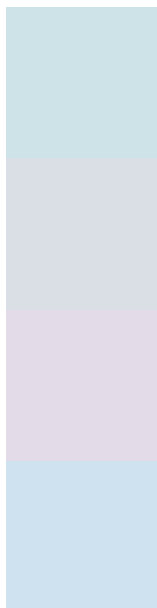




Tritanopia

73.5869, 0.2895, 0.3095

Trichromacy



Original Color

73.6868, 0.2954, 0.3245

Protanomaly

73.3379, 0.3054, 0.3225

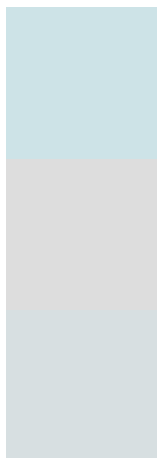
Deuteranomaly

73.3435, 0.3098, 0.3163

Tritanomaly

73.7465, 0.2912, 0.3148

Monochromacy



Original Color

73.6868, 0.2954, 0.3245

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6587, 0.3059, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6868, 0.2954, 0.3245 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(205, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 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(205, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 231) }
```

Border

The CSS property to change the border of an element to Yxy 73.6868, 0.2954, 0.3245 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(205, 227, 231) }
```

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

```
.border{ border-color:rgb(205, 227, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6868, 0.2954, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 231) }
```

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

```
.background{ background-color: rgb(205,  
227, 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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