

Converting Colors

$Yxy(73.5834, 0.3014, 0.3400)$

Have a look what the booklet for
Yxy(73.5834, 0.3014, 0.3400)
contains.

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Color

Yxy(73.8496, 0.3014, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	CBE5DB
RGB	203, 229, 219
RGB Percent	80%, 90%, 86%
CMY	0.2040, 0.1019, 0.1413
CMYK	0.11, 0.00, 0.04, 0.10
HSL	157°, 33%, 85%
HSV	157°, 11%, 90%
XYZ	65.4270, 73.8496, 77.8004
YIQ	220.0860, -12.2860, -8.6220

Conversions

Conversions Part 2

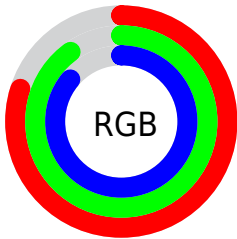
Format	Color
R _Y B	203, 219, 229
Decimal	13362651
CIE Lab	88.85, -10.47, 1.98
CIE LCh	89, 10.652, 169.304
Yxy	73.8496, 0.3014, 0.3402
Android (android.graphics.Color)	4291552731 (0xFFCBE5DB)
YUV	220.0860, -0.5354, -14.9844
Hunter-Lab	85.9358, -14.4871, 6.4779

Details

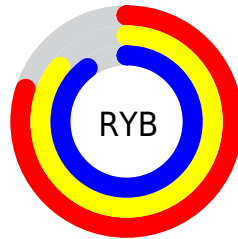
The Yxy color **73.8496, 0.3014, 0.3402** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.1702, 0.3256, 0.3181**, and the grayscale version is **71.6422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3420, 0.2990, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **70.4185, 0.2918, 0.3512**, and if you desaturate by 10%, it is **77.7866, 0.3113, 0.3303**.

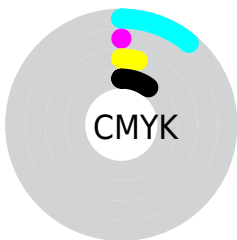
Distribution



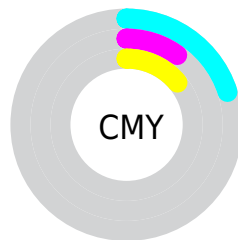
- Red (80%)
- Green (90%)
- Blue (86%)



- Red (80%)
- Yellow (86%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8496, 0.3014, 0.3402 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 73.8496, 0.3014, 0.3402 by changing the saturation by 10% instead.

■ 73.8496, 0.3014,
0.3402

■ 73.8496, 0.3014,
0.3402

473.9541, 0.3066,
0.3350

■ 54.6710, 0.3002,
0.3414

124.6826, 0.3032,
0.3384

■ 39.1383, 0.2987,
0.3429

157.1057, 0.3039,
0.3377

■ 26.8674, 0.2968,
0.3448

194.7124, 0.3045,
0.3371

■ 17.4736, 0.2943,
0.3473

237.8872, 0.3051,
0.3366

■ 10.5728, 0.2910,
0.3507

287.0143, 0.3055,
0.3361

■ 5.7803, 0.2860,
0.3557

342.4783, 0.3060,

■ 2.7120, 0.2783,

0.3357

404.6634, 0.3063,
0.3353

0.3636

0.9833, 0.2612,
0.3800

0.0000, 0.0000,
0.0000

73.8496, 0.3014,
0.3402

73.8496, 0.3014,
0.3402

70.4185, 0.2918,
0.3512

77.7866, 0.3113,
0.3303

67.4628, 0.2829,
0.3633

82.2399, 0.3214,
0.3214

64.9629, 0.2750,
0.3764

83.9277, 0.3200,
0.3129

62.8944, 0.2683,
0.3903

84.4819, 0.3143,
0.3045

■ 61.2301, 0.2633,
0.4050

■ 84.5256, 0.3139,
0.3039

■ 59.9401, 0.2601,
0.4200

■ 58.9900, 0.2589,
0.4351

■ 58.3384, 0.2598,
0.4501

■ 57.9577, 0.2619,
0.4626

Harmonies

Analogous

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



73.8496, 0.3139, 0.3486



73.8496, 0.3014, 0.3402



73.8496, 0.2920, 0.3287

Triad

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



73.8496, 0.3014, 0.3402



73.8496, 0.2990, 0.3073



73.8496, 0.3379, 0.3396

Complementary

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



73.8496, 0.3014, 0.3402



64.1702, 0.3256, 0.3181

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.



73.8496, 0.3338, 0.3288



73.8496, 0.3014, 0.3402



73.8496, 0.3111, 0.3104

Square

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



73.8496, 0.3014, 0.3402



73.8496, 0.2907, 0.3099



73.8496, 0.3239, 0.3182



73.8496, 0.3351, 0.3480

Rectangle

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



73.8496, 0.3014, 0.3402



73.8496, 0.2888, 0.3211



73.8496, 0.3239, 0.3182



73.8496, 0.3373, 0.3362

Sweetspot

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



73.8527, 0.3014, 0.3402



98.3891, 0.3097, 0.3318



74.5621, 0.3186, 0.3580



20.9694, 0.3089, 0.3326



0.0000, 0.0000, 0.0000



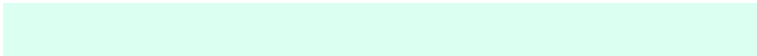
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8527, 0.3014, 0.3402



92.9908, 0.2988, 0.3431



72.9680, 0.2953, 0.3261



16.2372, 0.3033, 0.3382



33.1575, 0.2612, 0.4604



2.4683, 0.2553, 0.4390

Inverse Universe

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



64.1702, 0.3256, 0.3181



77.9673, 0.3291, 0.3153



64.9153, 0.3327, 0.3319



14.4596, 0.3232, 0.3200



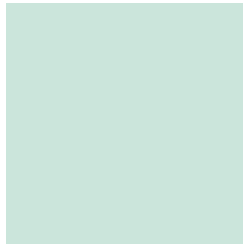
9.9525, 0.5429, 0.2765



0.7532, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 73.8496, 0.3014, 0.3402 looks on a white background.

Color Contrast Check

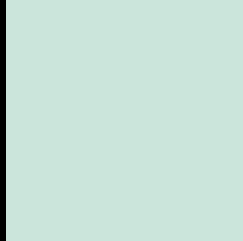
Large Text (above 18pt) WCAG AA × Fail

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 73.8496, 0.3014, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

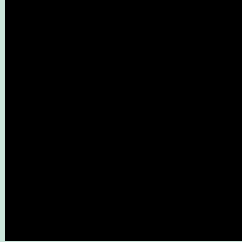
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

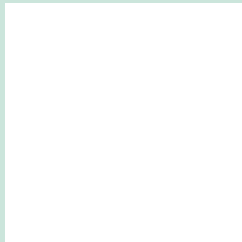
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8496, 0.3014, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 73.8496, 0.3014, 0.3402.

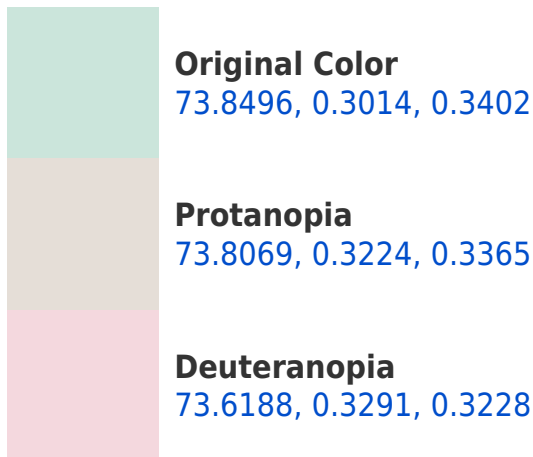


This preview shows how white text looks on a background with the Yxy color 73.8496, 0.3014, 0.3402.

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

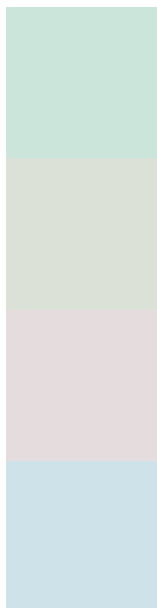




Tritanopia

73.5869, 0.2895, 0.3095

Trichromacy



Original Color

73.8496, 0.3014, 0.3402

Protanomaly

74.0239, 0.3151, 0.3388

Deuteranomaly

73.5914, 0.3184, 0.3290

Tritanomaly

73.4550, 0.2942, 0.3202

Monochromacy



Original Color

73.8496, 0.3014, 0.3402

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.2388, 0.3084, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8496, 0.3014, 0.3402 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(203, 229, 219)` looks like.

```
.text, #text, p{  
    color:rgb(203, 229, 219)  
}
```

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(203, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 229, 219) }
```

Border

The CSS property to change the border of an element to Yxy 73.8496, 0.3014, 0.3402 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(203, 229, 219) }
```

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

```
.border{ border-color:rgb(203, 229, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(203, 229,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8496, 0.3014, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 229, 219) }
```

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

```
.background{ background-color: rgb(203,  
229, 219) }
```

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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