

Converting Colors

Yxy(73.9585, 0.3145, 0.3664)

Have a look what the booklet for
Yxy(73.9585, 0.3145, 0.3664)
contains.

| | |
|---|----|
| Yxy(73.9256, 0.3144, 0.3666) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(73.9256, 0.3144, 0.3666)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | CBE7C6 |
| RGB | 203, 231, 198 |
| RGB Percent | 80%, 91%, 78% |
| CMY | 0.2038, 0.0941, 0.2237 |
| CMYK | 0.12, 0.00, 0.14, 0.09 |
| HSL | 111°, 41%, 84% |
| HSV | 111°, 14%, 91% |
| XYZ | 63.3994, 73.9256, 64.3270 |
| YIQ | 218.8660, -6.0950, -16.1990 |

Conversions

Conversions Part 2

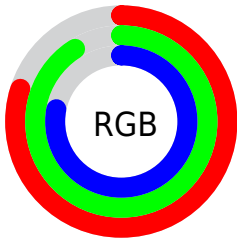
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 198, 231, 226 |
| Decimal | 13363142 |
| CIE Lab | 88.89, -15.23, 13.02 |
| CIE LCh | 89, 20.038, 139.471 |
| Yxy | 73.9256, 0.3144, 0.3666 |
| Android (android.graphics.Color) | 4291553222 (0xFFCBE7C6) |
| YUV | 218.8660, -10.2869, -13.9145 |
| Hunter-Lab | 85.9800, -18.8438, 15.8275 |

Details

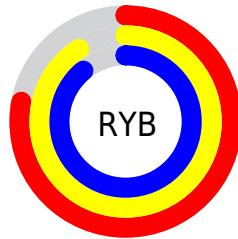
The Yxy color **73.9256, 0.3144, 0.3666** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.2958, 0.3105, 0.2933**, and the grayscale version is **70.8196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0631, 0.3149, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **70.3681, 0.3153, 0.3966**, and if you desaturate by 10%, it is **77.9983, 0.3133, 0.3396**.

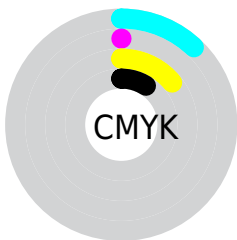
Distribution



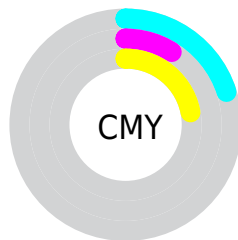
- Red (80%)
- Green (91%)
- Blue (78%)



- Red (78%)
- Yellow (91%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9256, 0.3144, 0.3666 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 73.9256, 0.3144, 0.3666 by changing the saturation by 10% instead.

■ 73.9256, 0.3144,
0.3666

■ 73.9256, 0.3144,
0.3666

474.2166, 0.3138,
0.3488

■ 54.7331, 0.3145,
0.3708

124.7903, 0.3142,
0.3604

■ 39.1881, 0.3145,
0.3759

157.2314, 0.3142,
0.3579

■ 26.9061, 0.3146,
0.3826

194.8575, 0.3141,
0.3559

■ 17.5027, 0.3145,
0.3914

238.0529, 0.3140,
0.3541

■ 10.5936, 0.3143,
0.4037

287.2022, 0.3140,
0.3525

■ 5.7942, 0.3136,
0.4220

342.6896, 0.3139,

■ 2.7204, 0.3117,

0.3511

404.8996, 0.3139,
0.3499

0.4517

0.9876, 0.3291,
0.5769

0.0000, 0.0000,
0.0000

73.9256, 0.3144,
0.3666

73.9256, 0.3144,
0.3666

70.3681, 0.3153,
0.3966

77.9983, 0.3133,
0.3396

67.2960, 0.3158,
0.4292

82.5958, 0.3120,
0.3158

64.6911, 0.3158,
0.4634

85.6327, 0.3138,
0.3058

62.5301, 0.3151,
0.4978

■ 60.7879, 0.3137,
0.5301

■ 59.4367, 0.3115,
0.5579

■ 58.4452, 0.3087,
0.5791

■ 57.7770, 0.3055,
0.5923

■ 57.5182, 0.3039,
0.5969

Harmonies

Analogous

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



73.9256, 0.3378, 0.3716



73.9256, 0.3144, 0.3666



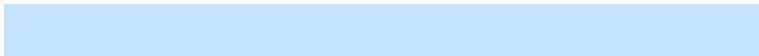
73.9256, 0.2912, 0.3502

Triad

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



73.9256, 0.3144, 0.3666



73.9256, 0.2718, 0.2930



73.9256, 0.3527, 0.3282

Complementary

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



73.9256, 0.3144, 0.3666



62.2958, 0.3105, 0.2933

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.



73.9256, 0.3338, 0.3090



73.9256, 0.3144, 0.3666



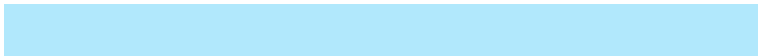
73.9256, 0.2870, 0.2890

Square

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



73.9256, 0.3144, 0.3666



73.9256, 0.2672, 0.3069



73.9256, 0.3096, 0.2949



73.9256, 0.3605, 0.3483

Rectangle

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



73.9256, 0.3144, 0.3666



73.9256, 0.2789, 0.3355



73.9256, 0.3096, 0.2949



73.9256, 0.3474, 0.3214

Sweetspot

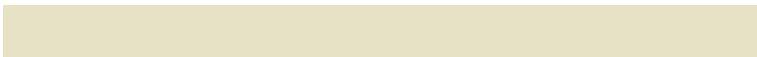
The Sweet Spot groups the original color and five complimentary colors.



73.9288, 0.3144, 0.3666



97.7594, 0.3132, 0.3389



75.1826, 0.3349, 0.3587



20.8369, 0.3133, 0.3408



0.0000, 0.0000, 0.0000



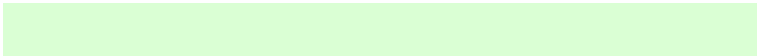
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9288, 0.3144, 0.3666



91.2082, 0.3147, 0.3747



73.7549, 0.3042, 0.3541



16.1948, 0.3139, 0.3531



32.2786, 0.3045, 0.5964



2.4182, 0.3127, 0.5899

Inverse Universe

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



62.2958, 0.3105, 0.2933



74.1518, 0.3100, 0.2861



62.5247, 0.3224, 0.3052



14.4973, 0.3113, 0.3057



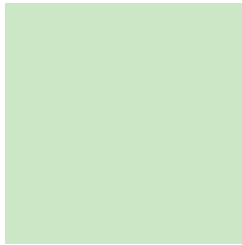
9.8233, 0.2825, 0.1330



0.7563, 0.2884, 0.1363

Previews

White Background



This preview shows how the Yxy color 73.9256, 0.3144, 0.3666 looks on a white background.

Color Contrast Check

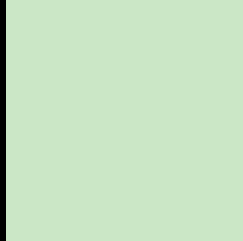
Large Text (above 18pt) WCAG AA × Fail

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 73.9256, 0.3144, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

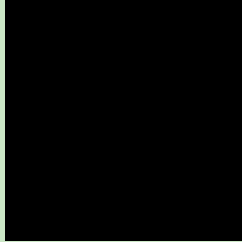
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

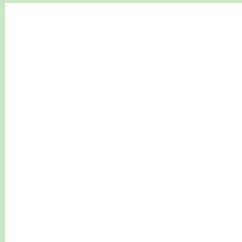
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9256, 0.3144, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 73.9256, 0.3144, 0.3666.

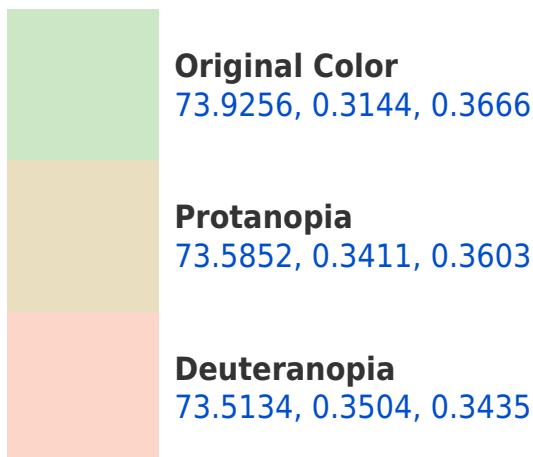


This preview shows how white text looks on a background with the Yxy color 73.9256, 0.3144, 0.3666.

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

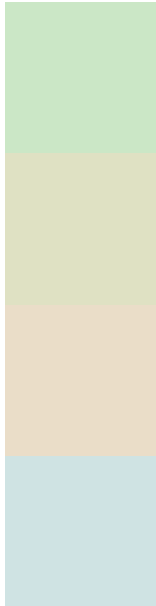




Tritanopia

74.0231, 0.2914, 0.3096

Trichromacy



Original Color

73.9256, 0.3144, 0.3666

Protanomaly

73.4785, 0.3311, 0.3620

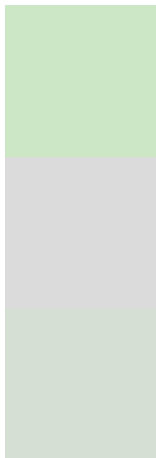
Deuteranomaly

73.3755, 0.3364, 0.3516

Tritanomaly

73.7496, 0.2992, 0.3290

Monochromacy



Original Color

73.9256, 0.3144, 0.3666

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.6246, 0.3135, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9256, 0.3144, 0.3666 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, 231, 198)` looks like.

```
.text, #text, p{  
    color:rgb(203, 231, 198)  
}
```

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, 231, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 231, 198) }
```

Border

The CSS property to change the border of an element to Yxy 73.9256, 0.3144, 0.3666 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, 231, 198) }
```

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

```
.border{ border-color:rgb(203, 231, 198) }
```

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

Here you see how a box with a 4 pixel rgb(203, 231, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 231, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 231, 198);  
box-shadow:4px 4px 4px 4px rgb(203, 231,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9256, 0.3144, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 231, 198) }
```

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

```
.background{ background-color: rgb(203,  
231, 198) }
```

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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