

Converting Colors

$Yxy(73.2987, 0.2985, 0.3496)$

Have a look what the booklet for
Yxy(73.2987, 0.2985, 0.3496)
contains.

Yxy(73.2934, 0.2985, 0.3496)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.2934, 0.2985, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	C1E7D5
RGB	193, 231, 213
RGB Percent	76%, 91%, 84%
CMY	0.2430, 0.0941, 0.1648
CMYK	0.16, 0.00, 0.08, 0.09
HSL	152°, 44%, 83%
HSV	152°, 16%, 91%
XYZ	62.5803, 73.2934, 73.7756
YIQ	217.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

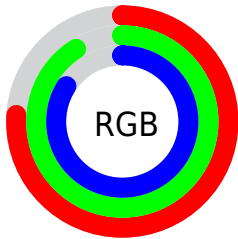
Format	Color
RYB	193, 218, 231
Decimal	12707797
CIELab	88.59, -15.83, 4.66
CIELCh	89, 16.499, 163.594
Yxy	73.2934, 0.2985, 0.3496
Android (android.graphics.Color)	4290897877 (0xFFC1E7D5)
YUV	217.5860, -2.2609, -21.5619
Hunter-Lab	85.6116, -19.3404, 8.8351

Details

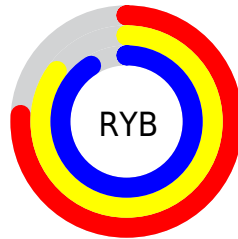
The Yxy color **73.2934, 0.2985, 0.3496** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.8492, 0.3297, 0.3093**, and the grayscale version is **69.8395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **38.6175, 0.2953, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **69.9549, 0.2903, 0.3640**, and if you desaturate by 10%, it is **77.1500, 0.3071, 0.3366**.

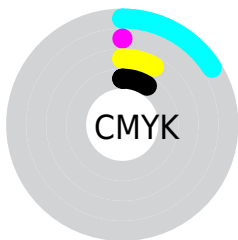
Distribution



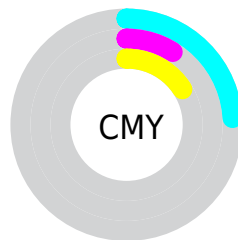
- Red (76%)
- Green (91%)
- Blue (84%)



- Red (76%)
- Yellow (85%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2934, 0.2985, 0.3496 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 73.2934, 0.2985, 0.3496 by changing the saturation by 10% instead.

 73.2934, 0.2985,
0.3496

 73.2934, 0.2985,
0.3496

472.0311, 0.3051,
0.3399

 54.2159, 0.2970,
0.3518


 123.8936, 0.3008,
0.3462

 38.7743, 0.2951,
0.3546


156.1852, 0.3017,
0.3449

 26.5842, 0.2926,
0.3582


193.6502, 0.3025,
0.3438

 17.2612, 0.2894,
0.3630

236.6731, 0.3032,
0.3428

 10.4209, 0.2850,
0.3695

285.6382, 0.3037,
0.3420

 5.6789, 0.2785,
0.3792


340.9300, 0.3043,

 2.6508, 0.2681,


0.3412


0.3950


402.9328, 0.3047,
0.3405


 0.9523, 0.2374,
0.4371


 0.0000, 0.0000,
0.0000


 73.2934, 0.2985,
0.3496

 73.2934, 0.2985,
0.3496


 69.9549, 0.2903,
0.3640

 77.1500, 0.3071,
0.3366

 67.1025, 0.2829,
0.3797

 81.5366, 0.3158,
0.3250

 64.7149, 0.2764,
0.3967

 85.0592, 0.3196,
0.3145

 62.7655, 0.2713,
0.4147

 85.6326, 0.3138,
0.3058

■ 61.2248, 0.2679,
0.4333

■ 60.0596, 0.2665,
0.4521

■ 59.2312, 0.2670,
0.4706

■ 58.6912, 0.2696,
0.4884

■ 58.5399, 0.2707,
0.4945

Harmonies

Analogous

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



73.2934, 0.3182, 0.3614



73.2934, 0.2985, 0.3496



73.2934, 0.2830, 0.3319

Triad

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



73.2934, 0.2985, 0.3496



73.2934, 0.2884, 0.2958



73.2934, 0.3517, 0.3421

Complementary

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



73.2934, 0.2985, 0.3496



59.8492, 0.3297, 0.3093

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.



73.2934, 0.3432, 0.3251



73.2934, 0.2985, 0.3496



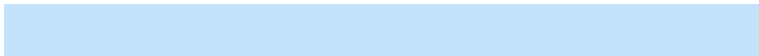
73.2934, 0.3063, 0.2990

Square

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



73.2934, 0.2985, 0.3496



73.2934, 0.2773, 0.3010



73.2934, 0.3264, 0.3096



73.2934, 0.3492, 0.3563

Rectangle

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



73.2934, 0.2985, 0.3496



73.2934, 0.2768, 0.3196



73.2934, 0.3264, 0.3096



73.2934, 0.3500, 0.3365

Sweetspot

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



73.2965, 0.2985, 0.3496



97.2776, 0.3083, 0.3349



74.9098, 0.3233, 0.3716



20.7424, 0.3077, 0.3358



0.0000, 0.0000, 0.0000



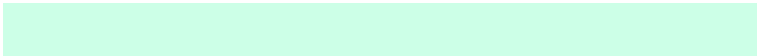
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2965, 0.2985, 0.3496



90.1142, 0.2954, 0.3547



73.9101, 0.2879, 0.3282



16.2150, 0.3045, 0.3404



32.8432, 0.2699, 0.4918



2.4457, 0.2628, 0.4661

Inverse Universe

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



59.8492, 0.3297, 0.3093



70.0596, 0.3343, 0.3047



59.2748, 0.3439, 0.3298



14.4814, 0.3218, 0.3179



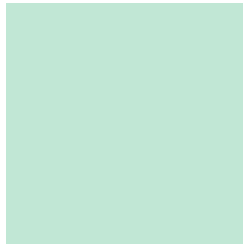
10.1767, 0.5060, 0.2561



0.7707, 0.4719, 0.2373

Previews

White Background



This preview shows how the Yxy color 73.2934, 0.2985, 0.3496 looks on a white background.

Color Contrast Check

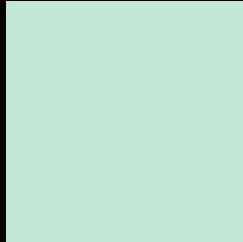
Large Text (above 18pt) WCAG AA × Fail

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 73.2934, 0.2985, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

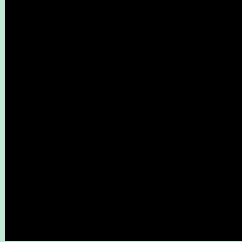
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

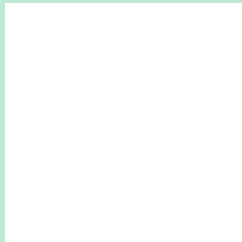
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2934, 0.2985, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 73.2934, 0.2985, 0.3496.

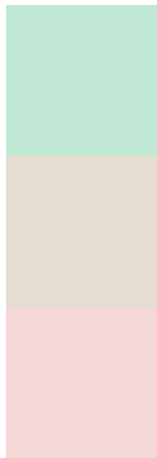


This preview shows how white text looks on a background with the Yxy color 73.2934, 0.2985, 0.3496.

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

73.2934, 0.2985, 0.3496

Protanopia

72.9250, 0.3272, 0.3431

Deuteranopia

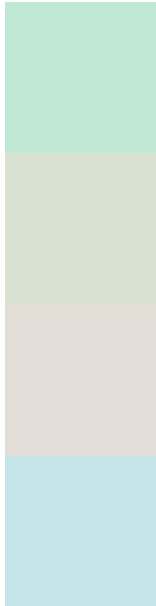
72.9712, 0.3342, 0.3280



Tritanopia

73.0665, 0.2839, 0.3092

Trichromacy



Original Color

73.2934, 0.2985, 0.3496

Protanomaly

73.1025, 0.3161, 0.3456

Deuteranomaly

72.7880, 0.3203, 0.3355

Tritanomaly

73.2403, 0.2891, 0.3234

Monochromacy



Original Color

73.2934, 0.2985, 0.3496

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.2885, 0.3075, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2934, 0.2985, 0.3496 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(193, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 213)  
}
```

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(193, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 213) }
```

Border

The CSS property to change the border of an element to Yxy 73.2934, 0.2985, 0.3496 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(193, 231, 213) }
```

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

```
.border{ border-color:rgb(193, 231, 213) }
```

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

Here you see how a box with a 4 pixel rgb(193, 231, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(193, 231,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2934, 0.2985, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 231, 213) }
```

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

```
.background{ background-color: rgb(193,  
231, 213) }
```

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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