

Converting Colors

$Yxy(73.1661, 0.2794, 0.3394)$

Have a look what the booklet for
Yxy(73.1661, 0.2794, 0.3394)
contains.

Yxy(73.1661, 0.2794, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.1661, 0.2794, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	ADEAE1
RGB	173, 234, 225
RGB Percent	68%, 92%, 88%
CMY	0.3219, 0.0823, 0.1177
CMYK	0.26, 0.00, 0.04, 0.08
HSL	171°, 59%, 80%
HSV	171°, 26%, 92%
XYZ	60.2316, 73.1661, 82.1771
YIQ	214.7350, -33.4670, -15.7310

Conversions

Conversions Part 2

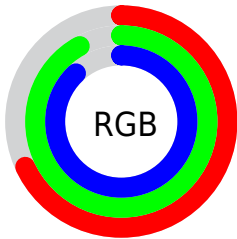
Format	Color
R _Y B	173, 206, 234
Decimal	11397857
CIE Lab	88.53, -21.08, -1.87
CIE LCh	89, 21.161, 185.082
Yxy	73.1661, 0.2794, 0.3394
Android (android.graphics.Color)	4289587937 (0xFFADEAE1)
YUV	214.7350, 5.0606, -36.6016
Hunter-Lab	85.5372, -23.9980, 2.9150

Details

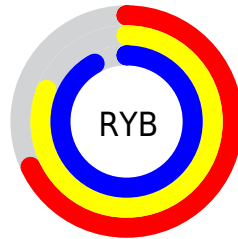
The Yxy color **73.1661, 0.2794, 0.3394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.7253, 0.3603, 0.3190**, and the grayscale version is **67.7387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **38.6650, 0.2717, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **70.5456, 0.2684, 0.3440**, and if you desaturate by 10%, it is **76.2635, 0.2915, 0.3351**.

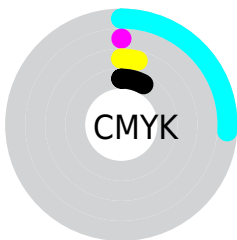
Distribution



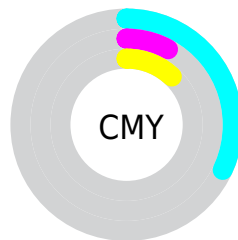
- Red (68%)
- Green (92%)
- Blue (88%)



- Red (68%)
- Yellow (81%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1661, 0.2794, 0.3394 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 73.1661, 0.2794, 0.3394 by changing the saturation by 10% instead.


 73.1661, 0.2794,
0.3394

 73.1661, 0.2794,
0.3394


471.5903, 0.2947,
0.3347

 54.1118, 0.2759,
0.3404


 123.7130, 0.2847,
0.3378

 38.6910, 0.2716,
0.3417


155.9743, 0.2868,
0.3372

 26.5195, 0.2662,
0.3433


193.4068, 0.2885,
0.3366

 17.2127, 0.2592,
0.3454

236.3949, 0.2901,
0.3361

 10.3862, 0.2496,
0.3482

285.3229, 0.2915,
0.3357

 5.6558, 0.2360,
0.3520

340.5751, 0.2927,

 2.6369, 0.2150,

0.3353

402.5362, 0.2938,
0.3350

0.3576

0.9453, 0.1531,
0.3781

0.0000, 0.0000,
0.0000

73.1661, 0.2794,
0.3394

73.1661, 0.2794,
0.3394

70.5456, 0.2684,
0.3440

76.2635, 0.2915,
0.3351

68.3688, 0.2588,
0.3488

79.8515, 0.3045,
0.3312

66.6119, 0.2508,
0.3539

83.9543, 0.3180,
0.3277

65.2455, 0.2447,
0.3591

86.3404, 0.3239,
0.3243

■ 64.2364, 0.2405,
0.3644

■ 86.5465, 0.3217,
0.3210

■ 63.5455, 0.2383,
0.3697

■ 86.7566, 0.3195,
0.3176

■ 63.1248, 0.2379,
0.3749

■ 86.9706, 0.3173,
0.3143

■ 63.0031, 0.2380,
0.3769

■ 87.1886, 0.3151,
0.3110

■ 87.3388, 0.3137,
0.3088

Harmonies

Analogous

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



73.1661, 0.3012, 0.3611



73.1661, 0.2794, 0.3394



73.1661, 0.2666, 0.3155

Triad

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



73.1661, 0.2794, 0.3394



73.1661, 0.2973, 0.2887



73.1661, 0.3620, 0.3591

Complementary

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



73.1661, 0.2794, 0.3394



50.7253, 0.3603, 0.3190

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.



73.1661, 0.3611, 0.3393



73.1661, 0.2794, 0.3394



73.1661, 0.3229, 0.2998

Square

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



73.1661, 0.2794, 0.3394



73.1661, 0.2766, 0.2874



73.1661, 0.3466, 0.3179



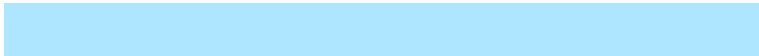
73.1661, 0.3492, 0.3720

Rectangle

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



73.1661, 0.2794, 0.3394



73.1661, 0.2646, 0.3021



73.1661, 0.3466, 0.3179



73.1661, 0.3633, 0.3530

Sweetspot

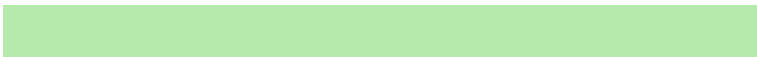
The Sweet Spot groups the original color and five complimentary colors.



73.1691, 0.2794, 0.3394



96.1416, 0.3020, 0.3319



71.8273, 0.3153, 0.4024



20.4326, 0.3000, 0.3325



0.0000, 0.0000, 0.0000



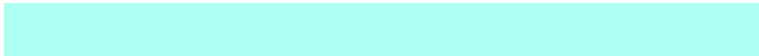
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1691, 0.2794, 0.3394



87.2348, 0.2737, 0.3417



62.2211, 0.2722, 0.3036



17.0814, 0.3001, 0.3325



35.4112, 0.2378, 0.3761



2.7911, 0.2358, 0.3688

Inverse Universe

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



50.7253, 0.3603, 0.3190



55.9059, 0.3730, 0.3169



59.2282, 0.3626, 0.3530



15.0903, 0.3270, 0.3255



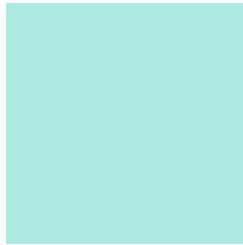
9.9078, 0.6196, 0.3187



0.7892, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 73.1661, 0.2794, 0.3394 looks on a white background.

Color Contrast Check

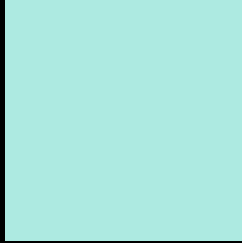
Large Text (above 18pt) WCAG AA × Fail

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 73.1661, 0.2794, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

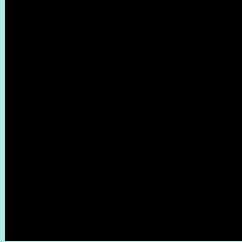
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

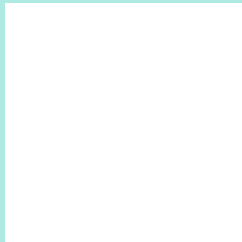
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1661, 0.2794, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 73.1661, 0.2794, 0.3394.



This preview shows how white text looks on a background with the Yxy color 73.1661, 0.2794, 0.3394.

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

73.1661, 0.2794, 0.3394

Protanopia

72.3649, 0.3190, 0.3323

Deuteranopia

72.6087, 0.3207, 0.3145



Tritanopia

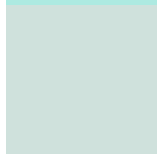
72.8982, 0.2690, 0.3076

Trichromacy



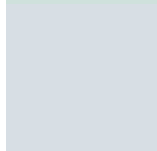
Original Color

73.1661, 0.2794, 0.3394



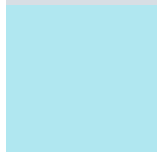
Protanomaly

72.2831, 0.3035, 0.3345



Deuteranomaly

72.2911, 0.3040, 0.3224



Tritanomaly

72.6732, 0.2728, 0.3186

Monochromacy



Original Color

73.1661, 0.2794, 0.3394



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.6364, 0.2994, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1661, 0.2794, 0.3394 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(173, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(173, 234, 225)  
}
```

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(173, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 234, 225) }
```

Border

The CSS property to change the border of an element to Yxy 73.1661, 0.2794, 0.3394 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(173, 234, 225) }
```

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

```
.border{ border-color:rgb(173, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(173, 234,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1661, 0.2794, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 234, 225) }
```

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

```
.background{ background-color: rgb(173,  
234, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor