

Converting Colors

$Yxy(73.8326, 0.2925, 0.3332)$

Have a look what the booklet for
Yxy(73.8326, 0.2925, 0.3332)
contains.

Yxy(73.8204, 0.2926, 0.3334)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.8204, 0.2926, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	C4E6E2
RGB	196, 230, 226
RGB Percent	77%, 90%, 89%
CMY	0.2315, 0.0980, 0.1136
CMYK	0.15, 0.00, 0.02, 0.10
HSL	173°, 41%, 84%
HSV	173°, 15%, 90%
XYZ	64.7866, 73.8204, 82.8099
YIQ	219.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

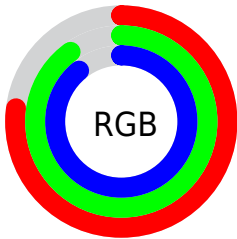
Format	Color
R_{YB}	196, 214, 230
Decimal	12904162
CIE _{Lab}	88.84, -11.85, -1.80
CIE _{LCh}	89, 11.989, 188.659
Y _{xy}	73.8204, 0.2926, 0.3334
Android (android.graphics.Color)	4291094242 (0xFFC4E6E2)
YUV	219.3780, 3.2646, -20.5025
Hunter-Lab	85.9188, -15.7610, 2.9985

Details

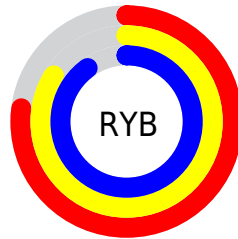
The Yxy color **73.8204, 0.2926, 0.3334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.4580, 0.3372, 0.3247**, and the grayscale version is **71.1007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **38.9632, 0.2878, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **70.8261, 0.2800, 0.3367**, and if you desaturate by 10%, it is **77.2959, 0.3061, 0.3304**.

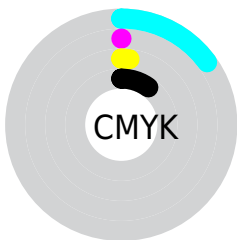
Distribution



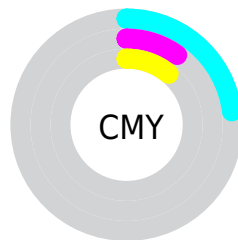
- Red (77%)
- Green (90%)
- Blue (89%)



- Red (77%)
- Yellow (84%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8204, 0.2926, 0.3334 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 73.8204, 0.2926, 0.3334 by changing the saturation by 10% instead.

■ 73.8204, 0.2926,
0.3334

■ 73.8204, 0.2926,
0.3334

473.8533, 0.3019,
0.3314

■ 54.6471, 0.2905,
0.3338

124.6412, 0.2958,
0.3327

■ 39.1192, 0.2879,
0.3344

157.0574, 0.2971,
0.3325

■ 26.8525, 0.2846,
0.3350

194.6567, 0.2981,
0.3322

■ 17.4625, 0.2803,
0.3359

237.8235, 0.2991,
0.3320

■ 10.5648, 0.2745,
0.3370

286.9421, 0.2999,
0.3319

■ 5.7750, 0.2662,
0.3386

342.3971, 0.3006,

■ 2.7087, 0.2533,

0.3317

0.3410

404.5726, 0.3013,
0.3316

0.9816, 0.2262,
0.3466

0.0000, 0.0000,
0.0000

73.8204, 0.2926,
0.3334

73.8204, 0.2926,
0.3334

70.8261, 0.2800,
0.3367

77.2959, 0.3061,
0.3304

68.2824, 0.2685,
0.3403


81.2635, 0.3200,
0.3276


66.1692, 0.2584,
0.3440

83.8047, 0.3273,
0.3250

64.4613, 0.2500,
0.3480


83.9603, 0.3256,
0.3224

 63.1309, 0.2434,
0.3520


 84.1183, 0.3238,
0.3198

 62.1467, 0.2387,
0.3561


 84.2786, 0.3221,
0.3171

 61.4722, 0.2360,
0.3602

 84.4413, 0.3203,
0.3145

 61.0630, 0.2351,
0.3642

 84.6063, 0.3186,
0.3120

 60.9182, 0.2351,
0.3663

 84.7738, 0.3169,
0.3094

Harmonies

Analogous

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



73.8204, 0.3047, 0.3456



73.8204, 0.2926, 0.3334



73.8204, 0.2859, 0.3203

Triad

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



73.8204, 0.2926, 0.3334



73.8204, 0.3058, 0.3062



73.8204, 0.3400, 0.3475

Complementary

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



73.8204, 0.2926, 0.3334



60.4580, 0.3372, 0.3247

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.



73.8204, 0.3404, 0.3367



73.8204, 0.2926, 0.3334



73.8204, 0.3204, 0.3133

Square

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



73.8204, 0.2926, 0.3334



73.8204, 0.2933, 0.3049



73.8204, 0.3331, 0.3243



73.8204, 0.3321, 0.3537

Rectangle

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



73.8204, 0.2926, 0.3334



73.8204, 0.2852, 0.3129



73.8204, 0.3331, 0.3243



73.8204, 0.3410, 0.3443

Sweetspot

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



73.8235, 0.2926, 0.3334



98.0401, 0.3071, 0.3301



72.9324, 0.3140, 0.3681



20.9082, 0.3061, 0.3304



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.



73.8235, 0.2926, 0.3334



91.9695, 0.2883, 0.3345



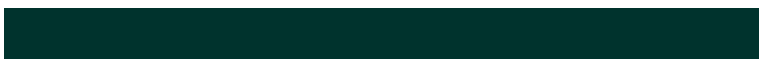
67.3437, 0.2898, 0.3148



16.3059, 0.2997, 0.3317



34.4971, 0.2349, 0.3656



2.5575, 0.2333, 0.3597

Inverse Universe

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



60.4580, 0.3372, 0.3247



71.7885, 0.3438, 0.3236



66.1405, 0.3383, 0.3428



14.3952, 0.3274, 0.3263



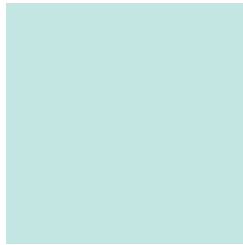
9.5778, 0.6254, 0.3219



0.7169, 0.5947, 0.3050

Previews

White Background



This preview shows how the Yxy color 73.8204, 0.2926, 0.3334 looks on a white background.

Color Contrast Check

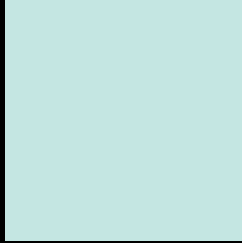
Large Text (above 18pt) WCAG AA × Fail

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 73.8204, 0.2926, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

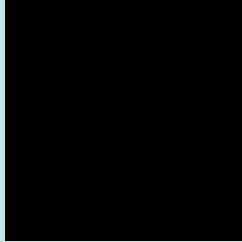
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

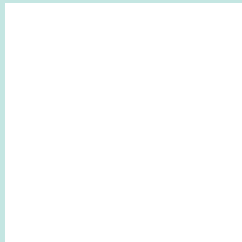
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8204, 0.2926, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 73.8204, 0.2926, 0.3334.

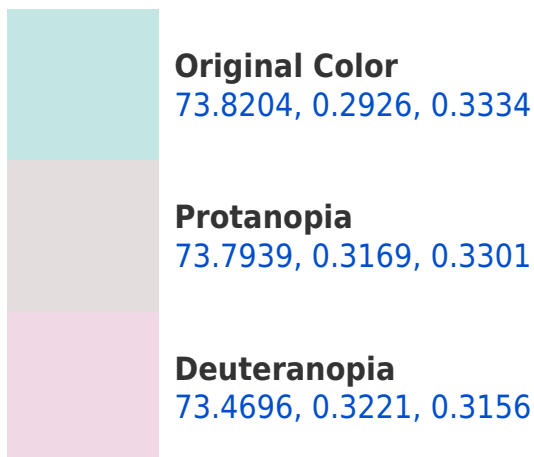


This preview shows how white text looks on a background with the Yxy color 73.8204, 0.2926, 0.3334.

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

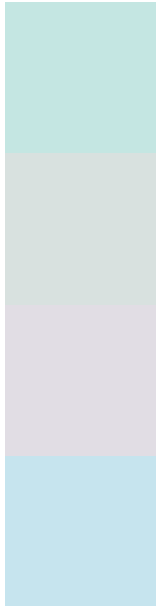




Tritanopia

73.6729, 0.2834, 0.3093

Trichromacy



Original Color

73.8204, 0.2926, 0.3334

Protanomaly

73.7771, 0.3078, 0.3312

Deuteranomaly

73.3219, 0.3110, 0.3215

Tritanomaly

73.6656, 0.2868, 0.3179

Monochromacy



Original Color

73.8204, 0.2926, 0.3334

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8982, 0.3050, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8204, 0.2926, 0.3334 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(196, 230, 226)` looks like.

```
.text, #text, p{  
    color:rgb(196, 230, 226)  
}
```

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(196, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 230, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.8204, 0.2926, 0.3334 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(196, 230, 226) }
```

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

```
.border{ border-color:rgb(196, 230, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 230, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(196, 230,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8204, 0.2926, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 230, 226) }
```

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

```
.background{ background-color: rgb(196,  
230, 226) }
```

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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