

Converting Colors

$Yxy(72.8915, 0.3086, 0.3585)$

Have a look what the booklet for
Yxy(72.8915, 0.3086, 0.3585)
contains.

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Color

Yxy(73.2326, 0.3086, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	C8E6CC
RGB	200, 230, 204
RGB Percent	78%, 90%, 80%
CMY	0.2159, 0.0980, 0.2001
CMYK	0.13, 0.00, 0.11, 0.10
HSL	128°, 38%, 84%
HSV	128°, 13%, 90%
XYZ	63.0041, 73.2326, 67.9244
YIQ	218.0660, -9.5340, -14.4460

Conversions

Conversions Part 2

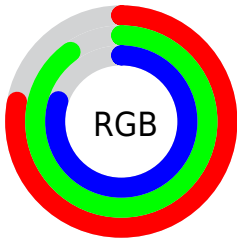
Format	Color
R_{YB}	200, 226, 230
Decimal	13166284
CIE _{Lab}	88.56, -14.72, 9.38
CIE _{LCh}	89, 17.459, 147.492
Yxy	73.2326, 0.3086, 0.3587
Android (android.graphics.Color)	4291356364 (0xFFC8E6CC)
YUV	218.0660, -6.9345, -15.8439
Hunter-Lab	85.5760, -18.3400, 12.8429

Details

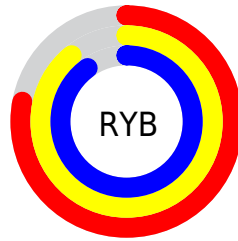
The Yxy color **73.2326, 0.3086, 0.3587** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.6062, 0.3171, 0.3010**, and the grayscale version is **70.2084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5851, 0.3075, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **69.4083, 0.3054, 0.3848**, and if you desaturate by 10%, it is **77.6619, 0.3118, 0.3355**.

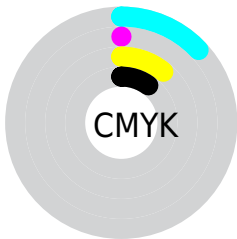
Distribution



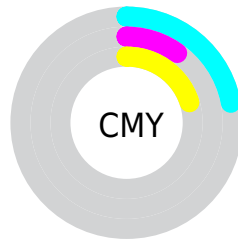
- Red (78%)
- Green (90%)
- Blue (80%)



- Red (78%)
- Yellow (89%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2326, 0.3086, 0.3587 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 73.2326, 0.3086, 0.3587 by changing the saturation by 10% instead.

 73.2326, 0.3086,
0.3587

 73.2326, 0.3086,
0.3587


471.8206, 0.3107,
0.3447

 54.1662, 0.3081,
0.3620


123.8074, 0.3093,
0.3538

 38.7345, 0.3075,
0.3661

156.0845, 0.3096,
0.3519

 26.5533, 0.3066,
0.3713


193.5340, 0.3099,
0.3502

 17.2380, 0.3054,
0.3783

236.5402, 0.3101,
0.3488

 10.4043, 0.3038,
0.3880

285.4876, 0.3102,
0.3476

 5.6679, 0.3011,
0.4024

340.7605, 0.3104,

 2.6442, 0.2964,

0.3465

0.4261

402.7434, 0.3105,
0.3455

0.9489, 0.2900,
0.5086

0.0000, 0.0000,
0.0000

73.2326, 0.3086,
0.3587

73.2326, 0.3086,
0.3587

69.4083, 0.3054,
0.3848

77.6619, 0.3118,
0.3355

66.1539, 0.3023,
0.4138

82.7110, 0.3148,
0.3152

63.4446, 0.2995,
0.4449

85.0837, 0.3138,
0.3049

61.2506, 0.2971,
0.4772

■ 59.5389, 0.2955,
0.5091

■ 58.2726, 0.2948,
0.5385

■ 57.4096, 0.2951,
0.5634

■ 56.8994, 0.2964,
0.5820

■ 56.7012, 0.2975,
0.5909

Harmonies

Analogous

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



73.2326, 0.3296, 0.3660



73.2326, 0.3086, 0.3587



73.2326, 0.2892, 0.3425

Triad

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



73.2326, 0.3086, 0.3587



73.2326, 0.2796, 0.2957



73.2326, 0.3505, 0.3332

Complementary

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



73.2326, 0.3086, 0.3587



63.6062, 0.3171, 0.3010

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.



73.2326, 0.3362, 0.3157



73.2326, 0.3086, 0.3587



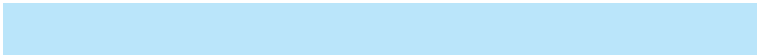
73.2326, 0.2951, 0.2944

Square

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



73.2326, 0.3086, 0.3587



73.2326, 0.2729, 0.3058



73.2326, 0.3158, 0.3017



73.2326, 0.3542, 0.3503

Rectangle

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



73.2326, 0.3086, 0.3587



73.2326, 0.2797, 0.3294



73.2326, 0.3158, 0.3017



73.2326, 0.3468, 0.3272

Sweetspot

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



73.2357, 0.3086, 0.3587



97.5604, 0.3115, 0.3376



76.9423, 0.3294, 0.3616



20.7868, 0.3112, 0.3393



0.0000, 0.0000, 0.0000



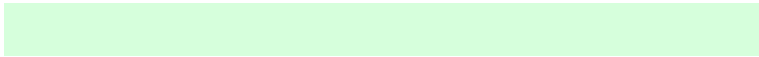
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2357, 0.3086, 0.3587



90.9951, 0.3076, 0.3663



73.9916, 0.2994, 0.3413



16.1204, 0.3098, 0.3500



32.1055, 0.2970, 0.5892



2.3826, 0.2911, 0.5680

Inverse Universe

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



63.6062, 0.3171, 0.3010



76.3282, 0.3182, 0.2944



62.8173, 0.3282, 0.3170



14.5803, 0.3158, 0.3089



11.8790, 0.3577, 0.1744



0.8871, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 73.2326, 0.3086, 0.3587 looks on a white background.

Color Contrast Check

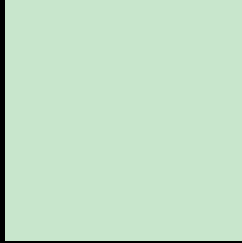
Large Text (above 18pt) WCAG AA × Fail

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 73.2326, 0.3086, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

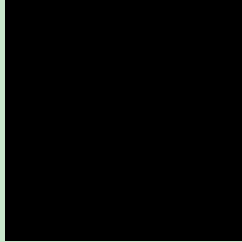
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

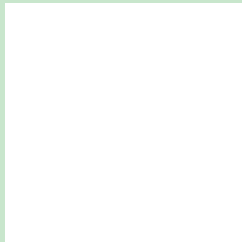
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2326, 0.3086, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 73.2326, 0.3086, 0.3587.

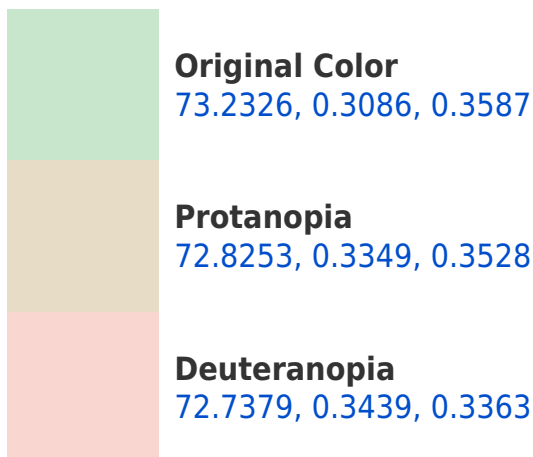


This preview shows how white text looks on a background with the Yxy color 73.2326, 0.3086, 0.3587.

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

72.8439, 0.2894, 0.3094

Trichromacy



Original Color

73.2326, 0.3086, 0.3587

Protanomaly

72.7440, 0.3251, 0.3544

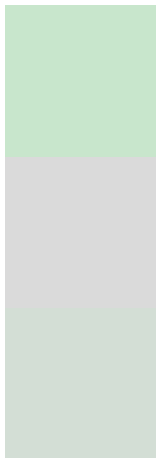
Deuteranomaly

72.6316, 0.3302, 0.3441

Tritanomaly

72.8315, 0.2965, 0.3267

Monochromacy



Original Color

73.2326, 0.3086, 0.3587

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.8955, 0.3108, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2326, 0.3086, 0.3587 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(200, 230, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 230, 204)  
}
```

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(200, 230, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 230, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.2326, 0.3086, 0.3587 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(200, 230, 204) }
```

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

```
.border{ border-color:rgb(200, 230, 204) }
```

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

Here you see how a box with a 4 pixel rgb(200, 230, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 230, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 230, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 230,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2326, 0.3086, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 230, 204) }
```

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

```
.background{ background-color: rgb(200,  
230, 204) }
```

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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