

Converting Colors

$Yxy(73.8912, 0.3117, 0.3595)$

Have a look what the booklet for
Yxy(73.8912, 0.3117, 0.3595)
contains.

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Color

Yxy(73.7428, 0.3120, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	CCE6CB
RGB	204, 230, 203
RGB Percent	80%, 90%, 80%
CMY	0.1999, 0.0980, 0.2040
CMYK	0.11, 0.00, 0.12, 0.10
HSL	118°, 35%, 85%
HSV	118°, 12%, 90%
XYZ	63.9815, 73.7428, 67.3446
YIQ	219.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

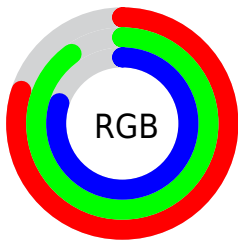
Format	Color
R _Y B	203, 230, 229
Decimal	13428427
CIE Lab	88.80, -13.52, 10.29
CIE LCh	89, 16.993, 142.740
Yxy	73.7428, 0.3120, 0.3596
Android (android.graphics.Color)	4291618507 (0xFFCCE6CB)
YUV	219.1480, -7.9610, -13.2848
Hunter-Lab	85.8736, -17.2846, 13.6146

Details

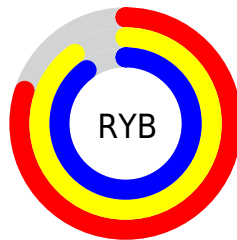
The Yxy color **73.7428, 0.3120, 0.3596** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0620, 0.3133, 0.3001**, and the grayscale version is **71.0102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9261, 0.3118, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **69.8244, 0.3112, 0.3894**, and if you desaturate by 10%, it is **78.2734, 0.3126, 0.3333**.

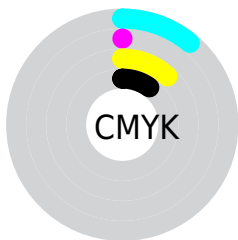
Distribution



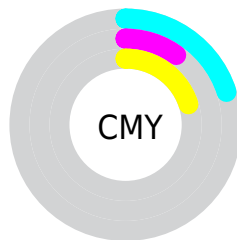
- Red (80%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7428, 0.3120, 0.3596 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 73.7428, 0.3120, 0.3596 by changing the saturation by 10% instead.


 73.7428, 0.3120,
0.3596

 73.7428, 0.3120,
0.3596


473.5852, 0.3125,
0.3452

 54.5836, 0.3119,
0.3630


124.5311, 0.3122,
0.3545

 39.0684, 0.3117,
0.3672


156.9290, 0.3123,
0.3526

 26.8129, 0.3114,
0.3725


194.5086, 0.3123,
0.3509

 17.4328, 0.3109,
0.3797

237.6542, 0.3124,
0.3495

 10.5435, 0.3103,
0.3896

286.7503, 0.3124,
0.3482

 5.7608, 0.3090,
0.4043

342.1812, 0.3124,

 2.7002, 0.3066,

0.3471

0.4282

404.3314, 0.3125,
0.3461

0.9773, 0.3112,
0.5104

0.0000, 0.0000,
0.0000

73.7428, 0.3120,
0.3596

73.7428, 0.3120,
0.3596

69.8244, 0.3112,
0.3894

78.2734, 0.3126,
0.3333

66.4829, 0.3102,
0.4222

83.4308, 0.3131,
0.3103

63.6941, 0.3089,
0.4572

85.0737, 0.3138,
0.3048

61.4281, 0.3075,
0.4929

■ 59.6524, 0.3059,
0.5270

■ 58.3306, 0.3042,
0.5567

■ 57.4216, 0.3027,
0.5794

■ 56.8766, 0.3013,
0.5936

■ 56.6517, 0.3006,
0.5995

Harmonies

Analogous

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



73.7428, 0.3321, 0.3651



73.7428, 0.3120, 0.3596



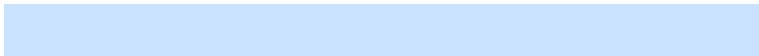
73.7428, 0.2926, 0.3450

Triad

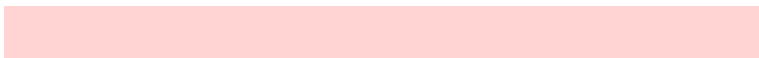
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7428, 0.3120, 0.3596



73.7428, 0.2789, 0.2976



73.7428, 0.3478, 0.3303

Complementary

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



73.7428, 0.3120, 0.3596



65.0620, 0.3133, 0.3001

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.



73.7428, 0.3327, 0.3136



73.7428, 0.3120, 0.3596



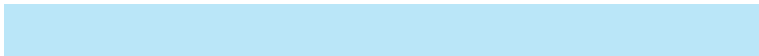
73.7428, 0.2928, 0.2950

Square

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



73.7428, 0.3120, 0.3596



73.7428, 0.2738, 0.3087



73.7428, 0.3124, 0.3008



73.7428, 0.3532, 0.3473

Rectangle

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



73.7428, 0.3120, 0.3596



73.7428, 0.2825, 0.3325



73.7428, 0.3124, 0.3008



73.7428, 0.3437, 0.3245

Sweetspot

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



73.7460, 0.3120, 0.3596



97.5486, 0.3125, 0.3389



76.9781, 0.3304, 0.3566



20.7838, 0.3125, 0.3409



0.0000, 0.0000, 0.0000



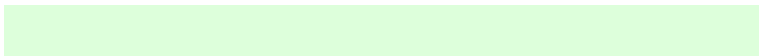
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7460, 0.3120, 0.3596



91.9745, 0.3118, 0.3662



74.1999, 0.3037, 0.3456



16.1159, 0.3122, 0.3533



32.0851, 0.3009, 0.5993



2.3805, 0.3033, 0.5974

Inverse Universe

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



65.0620, 0.3133, 0.3001



79.0362, 0.3134, 0.2942



64.5765, 0.3228, 0.3129



14.5850, 0.3132, 0.3058



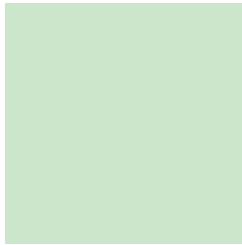
11.9517, 0.3112, 0.1488



0.8922, 0.3127, 0.1496

Previews

White Background



This preview shows how the Yxy color 73.7428, 0.3120, 0.3596 looks on a white background.

Color Contrast Check

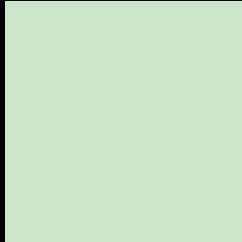
Large Text (above 18pt) WCAG AA × Fail

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 73.7428, 0.3120, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

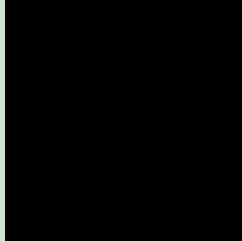
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

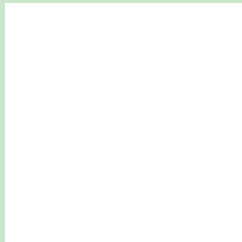
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7428, 0.3120, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 73.7428, 0.3120, 0.3596.

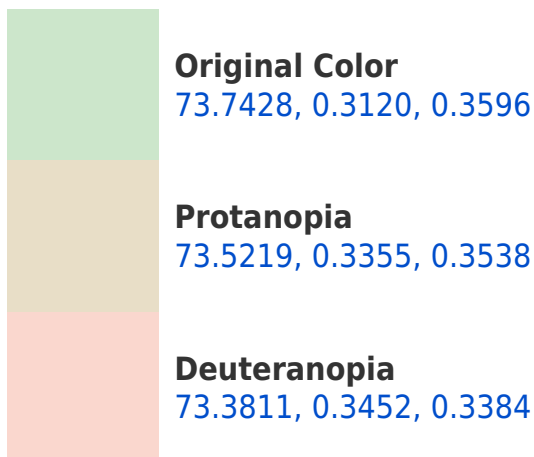


This preview shows how white text looks on a background with the Yxy color 73.7428, 0.3120, 0.3596.

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

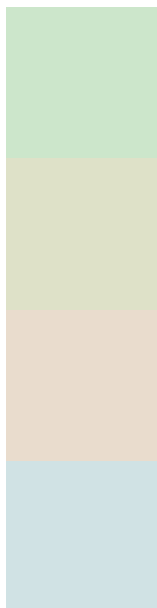




Tritanopia

73.4238, 0.2920, 0.3095

Trichromacy



Original Color

73.7428, 0.3120, 0.3596

Protanomaly

73.5502, 0.3271, 0.3565

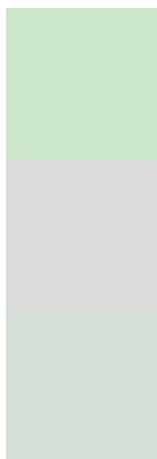
Deuteranomaly

72.9178, 0.3324, 0.3451

Tritanomaly

73.4040, 0.2992, 0.3268

Monochromacy



Original Color

73.7428, 0.3120, 0.3596

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8756, 0.3129, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7428, 0.3120, 0.3596 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(204, 230, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 230, 203)  
}
```

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(204, 230, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 230, 203) }
```

Border

The CSS property to change the border of an element to Yxy 73.7428, 0.3120, 0.3596 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(204, 230, 203) }
```

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

```
.border{ border-color:rgb(204, 230, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 230, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 230, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 230, 203); box-shadow:4px 4px 4px 4px rgb(204, 230, 203) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7428, 0.3120, 0.3596$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 230, 203) }
```

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

```
.background{ background-color: rgb(204,  
230, 203) }
```

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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