

Converting Colors

$Yxy(73.5832, 0.3170, 0.3623)$

Have a look what the booklet for
Yxy(73.5832, 0.3170, 0.3623)
contains.

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Color

Yxy(73.5720, 0.3173, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	D0E5C7
RGB	208, 229, 199
RGB Percent	82%, 90%, 78%
CMY	0.1845, 0.1019, 0.2197
CMYK	0.09, 0.00, 0.13, 0.10
HSL	102°, 37%, 84%
HSV	102°, 13%, 90%
XYZ	64.3274, 73.5720, 64.8342
YIQ	219.3010, -2.8860, -13.7820

Conversions

Conversions Part 2

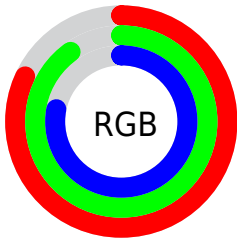
Format	Color
RYB	199, 229, 220
Decimal	13690311
CIELab	88.72, -12.39, 12.29
CIElCh	89, 17.451, 135.220
Yxy	73.5720, 0.3173, 0.3629
Android (android.graphics.Color)	4291880391 (0xFFD0E5C7)
YUV	219.3010, -10.0084, -9.9110
Hunter-Lab	85.7741, -16.2365, 15.2263

Details

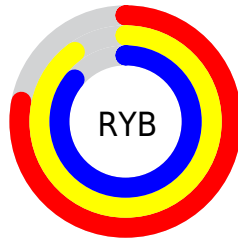
The Yxy color **73.5720, 0.3173, 0.3629** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.7247, 0.3074, 0.2960**, and the grayscale version is **71.1257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0887, 0.3178, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **70.3782, 0.3205, 0.3918**, and if you desaturate by 10%, it is **77.1682, 0.3138, 0.3366**.

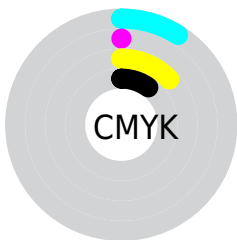
Distribution



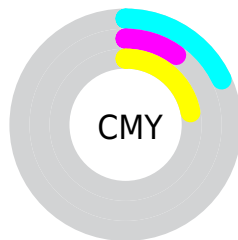
- Red (82%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)





- Cyan (18%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5720, 0.3173, 0.3629 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 73.5720, 0.3173, 0.3629 by changing the saturation by 10% instead.


 73.5720, 0.3173,
0.3629

 73.5720, 0.3173,
0.3629


472.9949, 0.3153,
0.3469

 54.4438, 0.3177,
0.3666


124.2889, 0.3167,
0.3573

 38.9566, 0.3182,
0.3713


156.6464, 0.3164,
0.3551

 26.7260, 0.3187,
0.3772


194.1825, 0.3162,
0.3533

 17.3675, 0.3194,
0.3851

237.2815, 0.3160,
0.3517

 10.4969, 0.3202,
0.3961

286.3278, 0.3158,
0.3503

 5.7296, 0.3211,
0.4123

341.7059, 0.3156,

 2.6814, 0.3217,

0.3490

0.4386

403.8001, 0.3155,
0.3479

0.9677, 0.3466,
0.5453

0.0000, 0.0000,
0.0000

73.5720, 0.3173,
0.3629

73.5720, 0.3173,
0.3629

70.3782, 0.3205,
0.3918

77.1682, 0.3138,
0.3366

67.5633, 0.3233,
0.4229

81.1708, 0.3103,
0.3131

65.1154, 0.3254,
0.4555

84.5304, 0.3139,
0.3039

63.0185, 0.3264,
0.4881

■ 61.2552, 0.3261,
0.5190

■ 59.8066, 0.3243,
0.5463

■ 58.6514, 0.3210,
0.5680

■ 57.7654, 0.3165,
0.5828

■ 57.2903, 0.3132,
0.5896

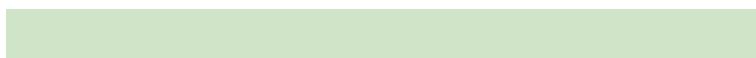
Harmonies

Analogous

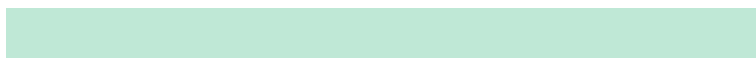
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5720, 0.3372, 0.3658



73.5720, 0.3173, 0.3629



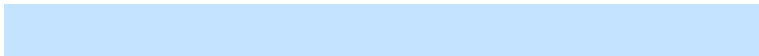
73.5720, 0.2966, 0.3499

Triad

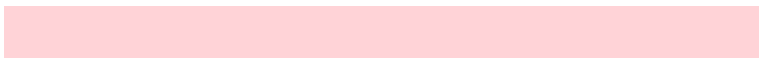
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5720, 0.3173, 0.3629



73.5720, 0.2757, 0.2989



73.5720, 0.3457, 0.3259

Complementary

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



73.5720, 0.3173, 0.3629



61.7247, 0.3074, 0.2960

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.



73.5720, 0.3283, 0.3094



73.5720, 0.3173, 0.3629



73.5720, 0.2879, 0.2939

Square

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



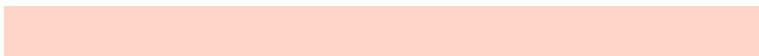
73.5720, 0.3173, 0.3629



73.5720, 0.2731, 0.3122



73.5720, 0.3070, 0.2978



73.5720, 0.3540, 0.3436

Rectangle

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



73.5720, 0.3173, 0.3629



73.5720, 0.2852, 0.3375



73.5720, 0.3070, 0.2978



73.5720, 0.3407, 0.3200

Sweetspot

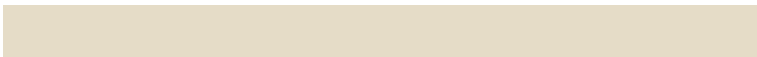
The Sweet Spot groups the original color and five complimentary colors.



73.5752, 0.3173, 0.3629



98.0280, 0.3141, 0.3389



71.9766, 0.3336, 0.3519



20.9047, 0.3144, 0.3408



0.0000, 0.0000, 0.0000



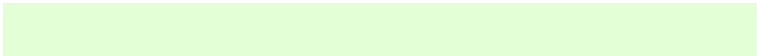
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5752, 0.3173, 0.3629



92.6137, 0.3183, 0.3713



72.5982, 0.3073, 0.3565



16.2964, 0.3160, 0.3530



32.8035, 0.3141, 0.5888



2.4710, 0.3250, 0.5801

Inverse Universe

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



61.7247, 0.3074, 0.2960



74.4391, 0.3060, 0.2882



62.8308, 0.3186, 0.3030



14.3881, 0.3090, 0.3055



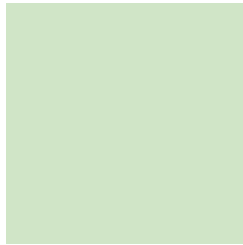
7.6142, 0.2468, 0.1133



0.6103, 0.2580, 0.1195

Previews

White Background



This preview shows how the Yxy color 73.5720, 0.3173, 0.3629 looks on a white background.

Color Contrast Check

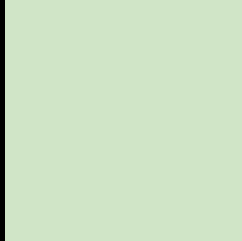
Large Text (above 18pt) WCAG AA × Fail

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 73.5720, 0.3173, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

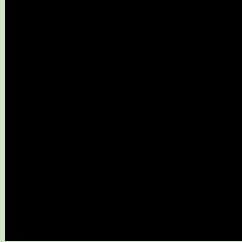
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

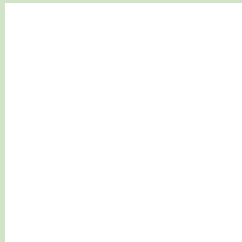
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5720, 0.3173, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 73.5720, 0.3173, 0.3629.

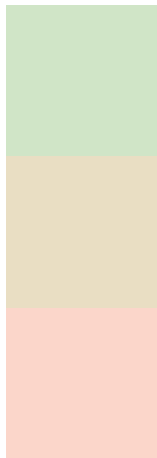


This preview shows how white text looks on a background with the Yxy color 73.5720, 0.3173, 0.3629.

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

73.5720, 0.3173, 0.3629

Protanopia

73.5063, 0.3390, 0.3582

Deuteranopia

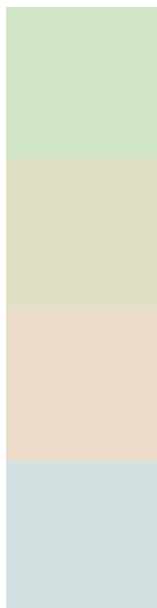
72.8666, 0.3491, 0.3415



Tritanopia

73.4224, 0.2952, 0.3096

Trichromacy



Original Color

73.5720, 0.3173, 0.3629

Protanomaly

73.6832, 0.3312, 0.3608

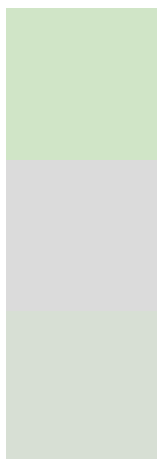
Deuteranomaly

72.5422, 0.3368, 0.3484

Tritanomaly

73.3385, 0.3031, 0.3279

Monochromacy



Original Color

73.5720, 0.3173, 0.3629

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9759, 0.3143, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5720, 0.3173, 0.3629 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(208, 229, 199)` looks like.

```
.text, #text, p{  
    color:rgb(208, 229, 199)  
}
```

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(208, 229, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 229, 199) }
```

Border

The CSS property to change the border of an element to Yxy 73.5720, 0.3173, 0.3629 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(208, 229, 199) }
```

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

```
.border{ border-color:rgb(208, 229, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 229, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 229, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 229, 199);  
box-shadow:4px 4px 4px 4px rgb(208, 229,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5720, 0.3173, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 229, 199) }
```

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

```
.background{ background-color: rgb(208,  
229, 199) }
```

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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