

Converting Colors

$Yxy(73.3759, 0.3073, 0.3572)$

Have a look what the booklet for
Yxy(73.3759, 0.3073, 0.3572)
contains.

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Color

Yxy(73.1920, 0.3067, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	C7E6CE
RGB	199, 230, 206
RGB Percent	78%, 90%, 81%
CMY	0.2197, 0.0980, 0.1922
CMYK	0.13, 0.00, 0.10, 0.10
HSL	134°, 38%, 84%
HSV	134°, 13%, 90%
XYZ	62.9854, 73.1920, 69.1874
YIQ	217.9950, -10.7720, -14.0360

Conversions

Conversions Part 2

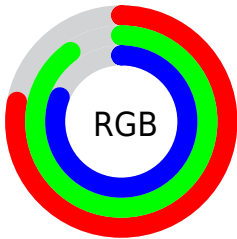
Format	Color
RYB	199, 224, 230
Decimal	13100750
CIELab	88.54, -14.68, 8.30
CIELCh	89, 16.865, 150.532
Yxy	73.1920, 0.3067, 0.3564
Android (android.graphics.Color)	4291290830 (0xFFC7E6CE)
YUV	217.9950, -5.9135, -16.6586
Hunter-Lab	85.5523, -18.3012, 11.9380

Details

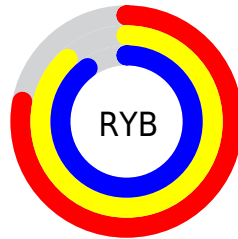
The Yxy color **73.1920, 0.3067, 0.3564** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9932, 0.3193, 0.3031**, and the grayscale version is **70.1536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5588, 0.3051, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **69.4660, 0.3023, 0.3797**, and if you desaturate by 10%, it is **77.4979, 0.3112, 0.3356**.

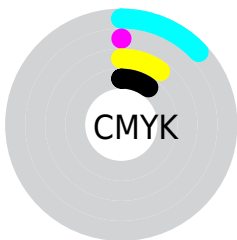
Distribution



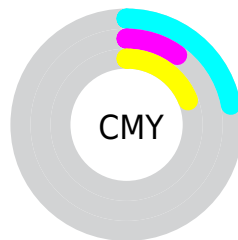
- Red (78%)
- Green (90%)
- Blue (81%)



- Red (78%)
- Yellow (88%)
- Blue (90%)



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





- Cyan (22%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1920, 0.3067, 0.3564 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 73.1920, 0.3067, 0.3564 by changing the saturation by 10% instead.

 73.1920, 0.3067,
0.3564

 73.1920, 0.3067,
0.3564


471.6800, 0.3096,
0.3435

 54.1330, 0.3060,
0.3594


123.7497, 0.3077,
0.3519

 38.7080, 0.3051,
0.3632


156.0172, 0.3081,
0.3501

 26.5326, 0.3040,
0.3680

193.4564, 0.3085,
0.3486

 17.2225, 0.3025,
0.3744

236.4515, 0.3088,
0.3473

 10.3933, 0.3003,
0.3834

285.3870, 0.3090,
0.3462

 5.6605, 0.2969,
0.3966

340.6473, 0.3092,

 2.6398, 0.2912,

0.3452

0.4184

402.6169, 0.3094,
0.3443

0.9467, 0.2790,
0.4890

0.0000, 0.0000,
0.0000

73.1920, 0.3067,
0.3564

73.1920, 0.3067,
0.3564

69.4660, 0.3023,
0.3797

77.4979, 0.3112,
0.3356

66.2860, 0.2981,
0.4056

82.3973, 0.3156,
0.3174

63.6288, 0.2944,
0.4335

85.0797, 0.3138,
0.3049

61.4658, 0.2915,
0.4628

■ 59.7658, 0.2896,
0.4923

■ 58.4938, 0.2890,
0.5205

■ 57.6097, 0.2899,
0.5458

■ 57.0652, 0.2920,
0.5666

■ 56.8465, 0.2937,
0.5774

Harmonies

Analogous

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



73.1920, 0.3271, 0.3645



73.1920, 0.3067, 0.3564



73.1920, 0.2884, 0.3402

Triad

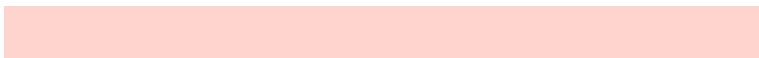
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1920, 0.3067, 0.3564



73.1920, 0.2819, 0.2963



73.1920, 0.3501, 0.3349

Complementary

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



73.1920, 0.3067, 0.3564



62.9932, 0.3193, 0.3031

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.



73.1920, 0.3372, 0.3177



73.1920, 0.3067, 0.3564



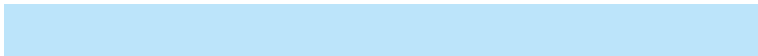
73.1920, 0.2976, 0.2959

Square

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



73.1920, 0.3067, 0.3564



73.1920, 0.2744, 0.3052



73.1920, 0.3178, 0.3037



73.1920, 0.3525, 0.3512

Rectangle

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



73.1920, 0.3067, 0.3564



73.1920, 0.2797, 0.3275



73.1920, 0.3178, 0.3037



73.1920, 0.3468, 0.3290

Sweetspot

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



73.1951, 0.3067, 0.3564



97.6181, 0.3109, 0.3367



76.4564, 0.3281, 0.3628



20.8013, 0.3106, 0.3382



0.0000, 0.0000, 0.0000



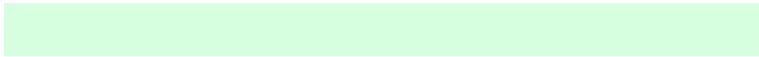
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1951, 0.3067, 0.3564



91.1956, 0.3055, 0.3622



73.9720, 0.2974, 0.3388



16.1421, 0.3085, 0.3477



32.1951, 0.2931, 0.5751



2.3930, 0.2855, 0.5478

Inverse Universe

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



62.9932, 0.3193, 0.3031



76.0959, 0.3208, 0.2979



62.2078, 0.3307, 0.3194



14.5567, 0.3172, 0.3110



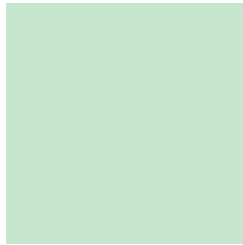
11.3664, 0.3875, 0.1908



0.8536, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 73.1920, 0.3067, 0.3564 looks on a white background.

Color Contrast Check

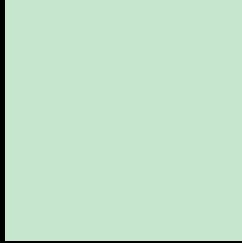
Large Text (above 18pt) WCAG AA × Fail

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 73.1920, 0.3067, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

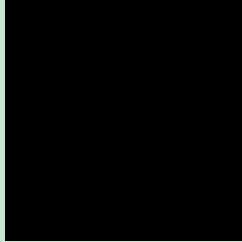
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

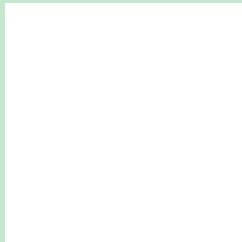
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1920, 0.3067, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 73.1920, 0.3067, 0.3564.

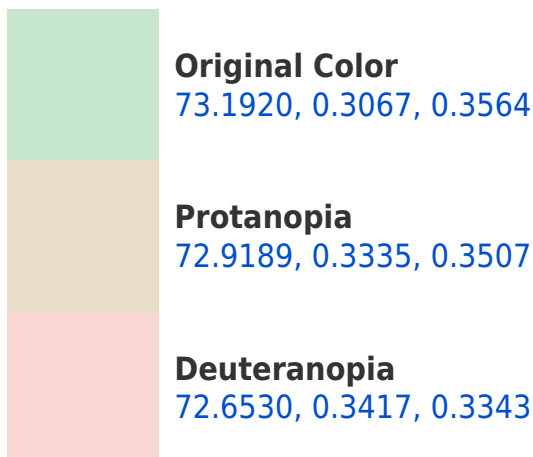


This preview shows how white text looks on a background with the Yxy color 73.1920, 0.3067, 0.3564.

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

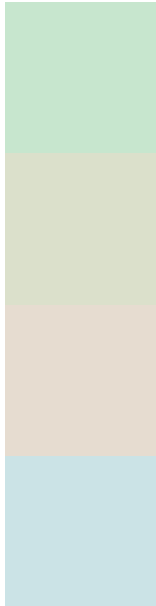




Tritanopia

73.3006, 0.2882, 0.3094

Trichromacy



Original Color

73.1920, 0.3067, 0.3564

Protanomaly

72.6832, 0.3230, 0.3522

Deuteranomaly

72.5635, 0.3281, 0.3420

Tritanomaly

73.3479, 0.2947, 0.3256

Monochromacy



Original Color

73.1920, 0.3067, 0.3564

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9465, 0.3102, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1920, 0.3067, 0.3564 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(199, 230, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 230, 206)  
}
```

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(199, 230, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 230, 206) }
```

Border

The CSS property to change the border of an element to Yxy 73.1920, 0.3067, 0.3564 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(199, 230, 206) }
```

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

```
.border{ border-color:rgb(199, 230, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 230, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 230, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 230, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 230,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1920, 0.3067, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 230, 206) }
```

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

```
.background{ background-color: rgb(199,  
230, 206) }
```

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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