

Converting Colors

$Yxy(72.9036, 0.3165, 0.3865)$

Have a look what the booklet for
Yxy(72.9036, 0.3165, 0.3865)
contains.

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Color

Yxy(73.0760, 0.3160, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	C1E9B8
RGB	193, 233, 184
RGB Percent	76%, 91%, 72%
CMY	0.2433, 0.0862, 0.2783
CMYK	0.17, 0.00, 0.21, 0.09
HSL	109°, 53%, 82%
HSV	109°, 21%, 91%
XYZ	59.7774, 73.0760, 56.3156
YIQ	215.4540, -8.1110, -23.7190

Conversions

Conversions Part 2

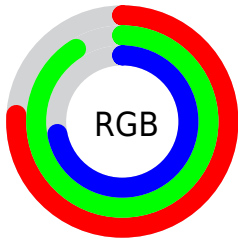
Format	Color
RYB	184, 233, 224
Decimal	12708280
CIELab	88.48, -21.97, 19.60
CIELCh	88, 29.448, 138.264
Yxy	73.0760, 0.3160, 0.3863
Android (android.graphics.Color)	4290898360 (0xFFC1E9B8)
YUV	215.4540, -15.5068, -19.6922
Hunter-Lab	85.4845, -24.7768, 20.7800

Details

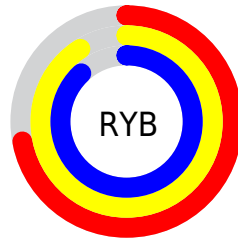
The Yxy color **73.0760, 0.3160, 0.3863** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.0361, 0.3081, 0.2757**, and the grayscale version is **68.3885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1353, 0.3183, 0.3436**, and **38.5719, 0.3162, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **69.8368, 0.3171, 0.4179**, and if you desaturate by 10%, it is **76.8050, 0.3146, 0.3574**.

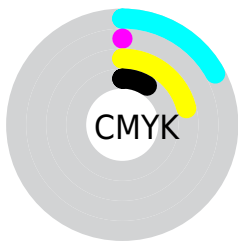
Distribution



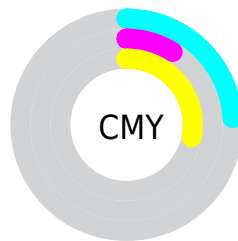
- Red (76%)
- Green (91%)
- Blue (72%)



- Red (72%)
- Yellow (91%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)




- Cyan (24%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0760, 0.3160, 0.3863 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 73.0760, 0.3160, 0.3863 by changing the saturation by 10% instead.


 73.0760, 0.3160,
0.3863

 73.0760, 0.3160,
0.3863

471.2782, 0.3150,
0.3589

 54.0381, 0.3161,
0.3928


 123.5851, 0.3157,
0.3766

 38.6321, 0.3162,
0.4009


155.8251, 0.3156,
0.3729

 26.4737, 0.3161,
0.4114


193.2346, 0.3155,
0.3697

 17.1783, 0.3158,
0.4254

236.1979, 0.3154,
0.3670

 10.3617, 0.3150,
0.4450

285.0996, 0.3153,
0.3646

 5.6394, 0.3128,
0.4742

340.3239, 0.3152,

 2.6271, 0.3072,

0.3624

402.2553, 0.3151,
0.3606

0.5223

0.9403, 0.2748,
0.7252

0.0000, 0.0000,
0.0000

73.0760, 0.3160,
0.3863

73.0760, 0.3160,
0.3863

69.8368, 0.3171,
0.4179

76.8050, 0.3146,
0.3574

67.0578, 0.3177,
0.4515

81.0332, 0.3129,
0.3315

64.7207, 0.3175,
0.4857

85.7818, 0.3111,
0.3086

62.8021, 0.3165,
0.5187

86.7650, 0.3137,
0.3078

■ 61.2767, 0.3146,
0.5480

■ 60.1158, 0.3118,
0.5715

■ 59.2871, 0.3084,
0.5875

■ 58.7878, 0.3053,
0.5958

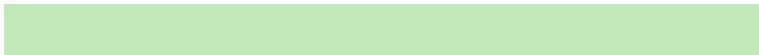
Harmonies

Analogous

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



73.0760, 0.3503, 0.3922



73.0760, 0.3160, 0.3863



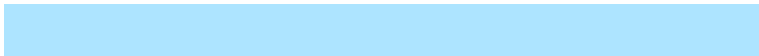
73.0760, 0.2821, 0.3619

Triad

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



73.0760, 0.3160, 0.3863



73.0760, 0.2527, 0.2768



73.0760, 0.3711, 0.3259

Complementary

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



73.0760, 0.3160, 0.3863



56.0361, 0.3081, 0.2757

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.



73.0760, 0.3422, 0.2989



73.0760, 0.3160, 0.3863



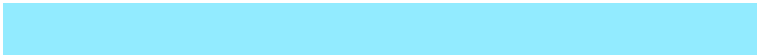
73.0760, 0.2738, 0.2711

Square

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



73.0760, 0.3160, 0.3863



73.0760, 0.2468, 0.2968



73.0760, 0.3062, 0.2793



73.0760, 0.3834, 0.3550

Rectangle

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



73.0760, 0.3160, 0.3863



73.0760, 0.2641, 0.3396



73.0760, 0.3062, 0.2793



73.0760, 0.3629, 0.3164

Sweetspot

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



73.0791, 0.3160, 0.3863



96.7576, 0.3137, 0.3441



74.1161, 0.3462, 0.3723



20.6375, 0.3139, 0.3458



0.0000, 0.0000, 0.0000



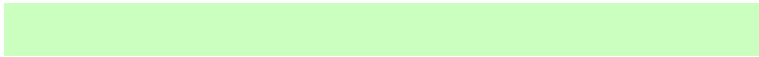
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0791, 0.3160, 0.3863



87.9717, 0.3165, 0.3990



72.6273, 0.3007, 0.3683



16.9942, 0.3143, 0.3532



33.3917, 0.3059, 0.5953



2.6597, 0.3144, 0.5886

Inverse Universe

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



56.0361, 0.3081, 0.2757



63.7120, 0.3069, 0.2649



56.6538, 0.3272, 0.2927



15.1668, 0.3109, 0.3056



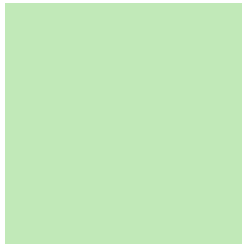
9.6371, 0.2752, 0.1290



0.7928, 0.2819, 0.1327

Previews

White Background



This preview shows how the Yxy color 73.0760, 0.3160, 0.3863 looks on a white background.

Color Contrast Check

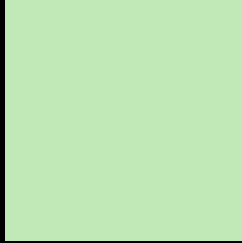
Large Text (above 18pt) WCAG AA × Fail

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 73.0760, 0.3160, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

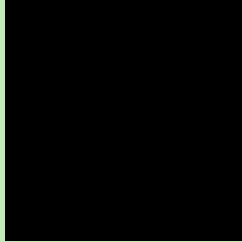
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

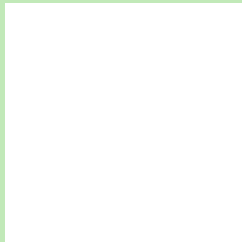
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0760, 0.3160, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 73.0760, 0.3160, 0.3863.

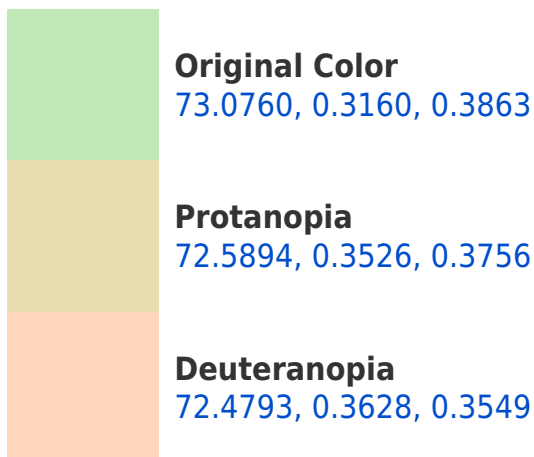


This preview shows how white text looks on a background with the Yxy color 73.0760, 0.3160, 0.3863.

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

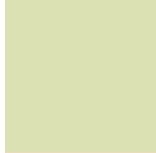
73.0180, 0.2869, 0.3093

Trichromacy



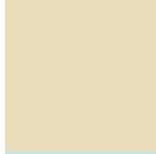
Original Color

73.0760, 0.3160, 0.3863



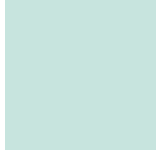
Protanomaly

72.3614, 0.3390, 0.3793



Deuteranomaly

71.9301, 0.3442, 0.3650



Tritanomaly

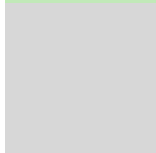
72.9028, 0.2969, 0.3357

Monochromacy



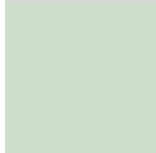
Original Color

73.0760, 0.3160, 0.3863



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.8676, 0.3139, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0760, 0.3160, 0.3863 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(193, 233, 184)` looks like.

```
.text, #text, p{  
    color:rgb(193, 233, 184)  
}
```

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(193, 233, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 233, 184) }
```

Border

The CSS property to change the border of an element to Yxy 73.0760, 0.3160, 0.3863 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(193, 233, 184) }
```

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

```
.border{ border-color:rgb(193, 233, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 233, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 233, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 233, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 233,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0760, 0.3160, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 233, 184) }
```

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

```
.background{ background-color: rgb(193,  
233, 184) }
```

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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