

Converting Colors

$Yxy(73.2453, 0.2951, 0.3557)$

Have a look what the booklet for
Yxy(73.2453, 0.2951, 0.3557)
contains.

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Color

Yxy(73.2453, 0.2951, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	B9E9D2
RGB	185, 233, 210
RGB Percent	73%, 91%, 82%
CMY	0.2748, 0.0862, 0.1765
CMYK	0.21, 0.00, 0.10, 0.09
HSL	151°, 52%, 82%
HSV	151°, 21%, 91%
XYZ	60.7666, 73.2453, 71.9068
YIQ	216.0260, -21.2250, -17.3290

Conversions

Conversions Part 2

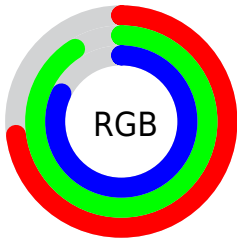
Format	Color
RYB	185, 217, 233
Decimal	12184018
CIELab	88.56, -19.97, 6.12
CIELCh	89, 20.888, 162.973
Yxy	73.2453, 0.2951, 0.3557
Android (android.graphics.Color)	4290374098 (0xFFB9E9D2)
YUV	216.0260, -2.9708, -27.2098
Hunter-Lab	85.5835, -23.0311, 10.0932

Details

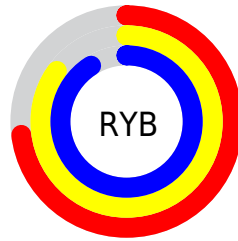
The Yxy color **73.2453, 0.2951, 0.3557** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.5480, 0.3348, 0.3038**, and the grayscale version is **68.7126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **38.6699, 0.2904, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **70.0484, 0.2872, 0.3708**, and if you desaturate by 10%, it is **76.9619, 0.3035, 0.3420**.

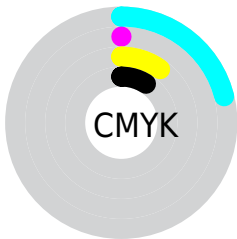
Distribution



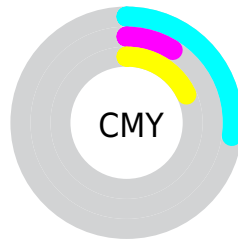
- Red (73%)
- Green (91%)
- Blue (82%)



- Red (73%)
- Yellow (85%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2453, 0.2951, 0.3557 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 73.2453, 0.2951, 0.3557 by changing the saturation by 10% instead.

 73.2453, 0.2951,
0.3557

 73.2453, 0.2951,
0.3557


471.8645, 0.3034,
0.3431

 54.1766, 0.2932,
0.3586


 123.8254, 0.2980,
0.3513

 38.7428, 0.2908,
0.3623

156.1055, 0.2991,
0.3496

 26.5597, 0.2878,
0.3670


193.5582, 0.3001,
0.3481

 17.2428, 0.2837,
0.3732

236.5680, 0.3009,
0.3468

 10.4078, 0.2782,
0.3819

285.5190, 0.3016,
0.3457

 5.6702, 0.2700,
0.3948


340.7959, 0.3023,


 2.6456, 0.2567,


0.3448


0.4160


402.7829, 0.3029,
0.3439


 0.9496, 0.2102,
0.4825


 0.0000, 0.0000,
0.0000


 73.2453, 0.2951,
0.3557


 73.2453, 0.2951,
0.3557


 70.0484, 0.2872,
0.3708


 76.9619, 0.3035,
0.3420

 67.3382, 0.2802,
0.3872

 81.2114, 0.3122,
0.3297

 65.0918, 0.2743,
0.4048

 86.0178, 0.3209,
0.3188

 63.2810, 0.2699,
0.4233

 86.7449, 0.3139,
0.3082

■ 61.8742, 0.2674,
0.4422

■ 86.7694, 0.3137,
0.3078

■ 60.8354, 0.2668,
0.4611

■ 60.1216, 0.2682,
0.4795

■ 59.6816, 0.2711,
0.4959

Harmonies

Analogous

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



73.2453, 0.3200, 0.3707



73.2453, 0.2951, 0.3557



73.2453, 0.2755, 0.3330

Triad

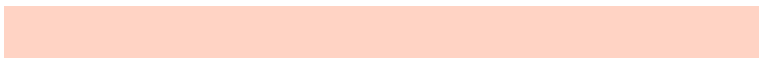
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2453, 0.2951, 0.3557



73.2453, 0.2816, 0.2873



73.2453, 0.3621, 0.3447

Complementary

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



73.2453, 0.2951, 0.3557



56.5480, 0.3348, 0.3038

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.



73.2453, 0.3510, 0.3235



73.2453, 0.2951, 0.3557



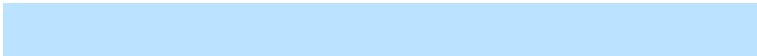
73.2453, 0.3039, 0.2913

Square

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



73.2453, 0.2951, 0.3557



73.2453, 0.2680, 0.2937



73.2453, 0.3294, 0.3043



73.2453, 0.3592, 0.3629

Rectangle

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



73.2453, 0.2951, 0.3557



73.2453, 0.2677, 0.3173



73.2453, 0.3294, 0.3043



73.2453, 0.3599, 0.3377

Sweetspot

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



73.2484, 0.2951, 0.3557



96.7500, 0.3075, 0.3362



75.2245, 0.3260, 0.3834



20.6359, 0.3069, 0.3370



0.0000, 0.0000, 0.0000



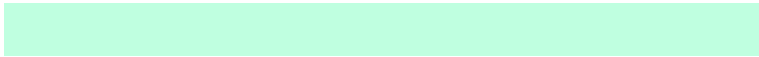
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2484, 0.2951, 0.3557



88.0369, 0.2915, 0.3623



74.0267, 0.2819, 0.3280



16.9933, 0.3045, 0.3405



33.8831, 0.2703, 0.4932



2.6801, 0.2635, 0.4687

Inverse Universe

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



56.5480, 0.3348, 0.3038



63.8922, 0.3409, 0.2980



55.8324, 0.3538, 0.3300



15.1742, 0.3218, 0.3178



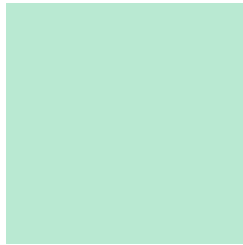
10.5125, 0.5046, 0.2554



0.8448, 0.4725, 0.2376

Previews

White Background



This preview shows how the Yxy color 73.2453, 0.2951, 0.3557 looks on a white background.

Color Contrast Check

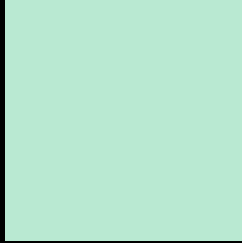
Large Text (above 18pt) WCAG AA × Fail

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 73.2453, 0.2951, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

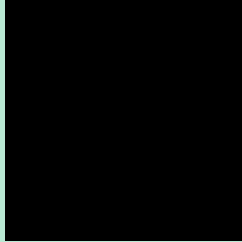
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

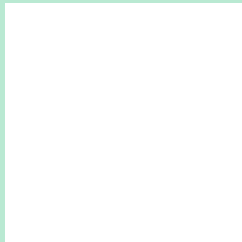
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2453, 0.2951, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 73.2453, 0.2951, 0.3557.

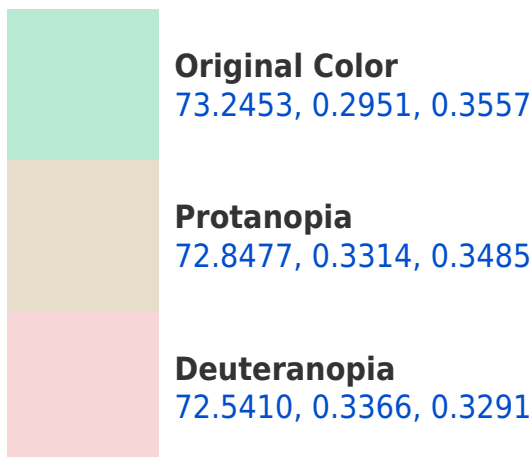


This preview shows how white text looks on a background with the Yxy color 73.2453, 0.2951, 0.3557.

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

73.3471, 0.2786, 0.3091

Trichromacy



Original Color

73.2453, 0.2951, 0.3557

Protanomaly

72.6028, 0.3173, 0.3502

Deuteranomaly

72.3643, 0.3202, 0.3377

Tritanomaly

73.2956, 0.2842, 0.3255

Monochromacy



Original Color

73.2453, 0.2951, 0.3557

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.0767, 0.3060, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2453, 0.2951, 0.3557 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(185, 233, 210)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 210)  
}
```

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(185, 233, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 210) }
```

Border

The CSS property to change the border of an element to Yxy 73.2453, 0.2951, 0.3557 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(185, 233, 210) }
```

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

```
.border{ border-color:rgb(185, 233, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 233, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 233, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 233, 210);  
box-shadow:4px 4px 4px 4px rgb(185, 233,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2453, 0.2951, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 210) }
```

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

```
.background{ background-color: rgb(185,  
233, 210) }
```

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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