

Converting Colors

$Yxy(71.6551, 0.2955, 0.3603)$

Have a look what the booklet for
Yxy(71.6551, 0.2955, 0.3603)
contains.

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Color

Yxy(71.9448, 0.2955, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	B5E8CD
RGB	181, 232, 205
RGB Percent	71%, 91%, 80%
CMY	0.2904, 0.0901, 0.1961
CMYK	0.22, 0.00, 0.12, 0.09
HSL	148°, 53%, 81%
HSV	148°, 22%, 91%
XYZ	58.9237, 71.9448, 68.5350
YIQ	213.6730, -21.7290, -19.2090

Conversions

Conversions Part 2

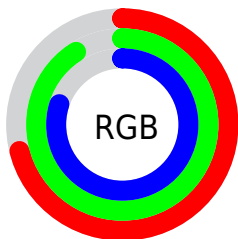
Format	Color
RYB	181, 216, 232
Decimal	11921613
CIELab	87.94, -21.69, 7.81
CIELCh	88, 23.051, 160.198
Yxy	71.9448, 0.2955, 0.3608
Android (android.graphics.Color)	4290111693 (0xFFB5E8CD)
YUV	213.6730, -4.2758, -28.6542
Hunter-Lab	84.8203, -24.4334, 11.4677

Details

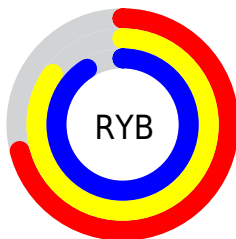
The Yxy color **71.9448, 0.2955, 0.3608** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.7414, 0.3345, 0.2993**, and the grayscale version is **67.0502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **37.7971, 0.2909, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **68.8037, 0.2883, 0.3778**, and if you desaturate by 10%, it is **75.6055, 0.3032, 0.3454**.

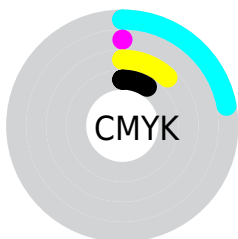
Distribution



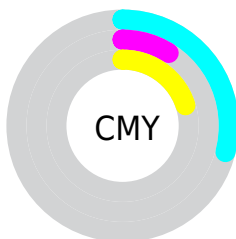
- Red (71%)
- Green (91%)
- Blue (80%)



- Red (71%)
- Yellow (85%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)





- Cyan (29%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9448, 0.2955, 0.3608 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 71.9448, 0.2955, 0.3608 by changing the saturation by 10% instead.


 71.9448, 0.2955,
0.3608

 71.9448, 0.2955,
0.3608

467.3494, 0.3037,
0.3457

 53.1136, 0.2936,
0.3644


 121.9780, 0.2984,
0.3555

 37.8935, 0.2912,
0.3688


153.9489, 0.2995,
0.3534

 25.9000, 0.2881,
0.3745

191.0684, 0.3004,
0.3517

 16.7488, 0.2841,
0.3822

233.7209, 0.3012,
0.3502

 10.0556, 0.2784,
0.3929

282.2909, 0.3020,
0.3488

 5.4358, 0.2698,
0.4089

337.1627, 0.3026,

 2.5052, 0.2558,

0.3477

398.7208, 0.3032,
0.3466

0.4356

0.8792, 0.1918,
0.5506

0.0000, 0.0000,
0.0000

71.9448, 0.2955,
0.3608

71.9448, 0.2955,
0.3608

68.8037, 0.2883,
0.3778

75.6055, 0.3032,
0.3454

66.1489, 0.2820,
0.3963

79.7992, 0.3111,
0.3316

63.9573, 0.2767,
0.4160

84.5501, 0.3191,
0.3193

62.2001, 0.2730,
0.4367

86.1443, 0.3143,
0.3077

■ 60.8454, 0.2711,
0.4576

■ 86.2017, 0.3138,
0.3068

■ 59.8562, 0.2711,
0.4783

■ 59.1887, 0.2731,
0.4981

■ 58.8309, 0.2758,
0.5130

Harmonies

Analogous

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



71.9448, 0.3232, 0.3763



71.9448, 0.2955, 0.3608



71.9448, 0.2731, 0.3358

Triad

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



71.9448, 0.2955, 0.3608



71.9448, 0.2764, 0.2830



71.9448, 0.3671, 0.3441

Complementary

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



71.9448, 0.2955, 0.3608



54.7414, 0.3345, 0.2993

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.



71.9448, 0.3535, 0.3207



71.9448, 0.2955, 0.3608



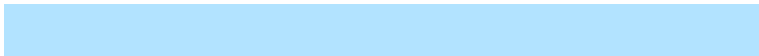
71.9448, 0.3003, 0.2865

Square

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



71.9448, 0.2955, 0.3608



71.9448, 0.2624, 0.2911



71.9448, 0.3286, 0.3001



71.9448, 0.3653, 0.3649

Rectangle

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



71.9448, 0.2955, 0.3608



71.9448, 0.2638, 0.3181



71.9448, 0.3286, 0.3001



71.9448, 0.3642, 0.3363

Sweetspot

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



71.9478, 0.2955, 0.3608



96.1768, 0.3071, 0.3383



74.4933, 0.3286, 0.3870



20.5186, 0.3066, 0.3392



0.0000, 0.0000, 0.0000



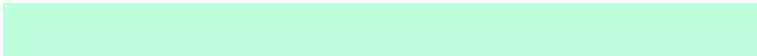
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9478, 0.2955, 0.3608



87.4633, 0.2925, 0.3676



73.2710, 0.2810, 0.3309



16.2016, 0.3052, 0.3417



32.6809, 0.2750, 0.5100



2.4336, 0.2673, 0.4823

Inverse Universe

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



54.7414, 0.3345, 0.2993



62.8964, 0.3396, 0.2934



53.5932, 0.3560, 0.3272



14.4948, 0.3210, 0.3166



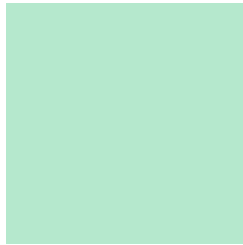
10.3407, 0.4831, 0.2435



0.7829, 0.4529, 0.2269

Previews

White Background



This preview shows how the Yxy color 71.9448, 0.2955, 0.3608 looks on a white background.

Color Contrast Check

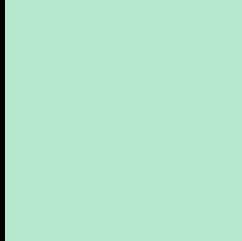
Large Text (above 18pt) WCAG AA × Fail

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 71.9448, 0.2955, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

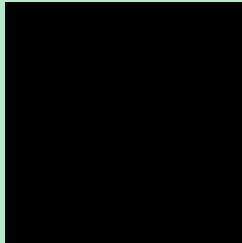
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

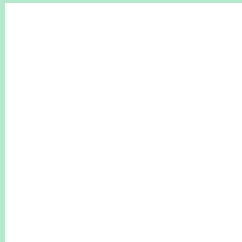
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9448, 0.2955, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 71.9448, 0.2955, 0.3608.

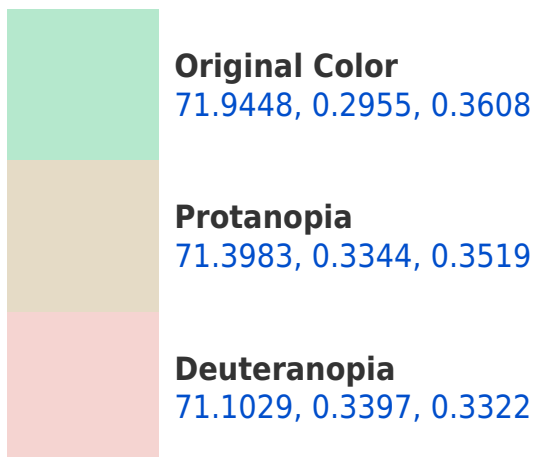


This preview shows how white text looks on a background with the Yxy color 71.9448, 0.2955, 0.3608.

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

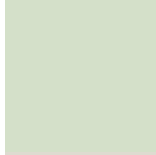
71.6157, 0.2771, 0.3088

Trichromacy



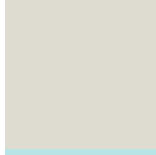
Original Color

71.9448, 0.2955, 0.3608



Protanomaly

71.5254, 0.3193, 0.3549



Deuteranomaly

70.7467, 0.3223, 0.3411



Tritanomaly

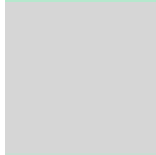
71.5143, 0.2833, 0.3266

Monochromacy



Original Color

71.9448, 0.2955, 0.3608



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

68.9726, 0.3059, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9448, 0.2955, 0.3608 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(181, 232, 205)` looks like.

```
.text, #text, p{  
    color:rgb(181, 232, 205)  
}
```

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(181, 232, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 232, 205) }
```

Border

The CSS property to change the border of an element to Yxy 71.9448, 0.2955, 0.3608 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(181, 232, 205) }
```

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

```
.border{ border-color:rgb(181, 232, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 232, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 232, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 232, 205);  
box-shadow:4px 4px 4px 4px rgb(181, 232,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9448, 0.2955, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 232, 205) }
```

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

```
.background{ background-color: rgb(181,  
232, 205) }
```

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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