

Converting Colors

$Yxy(71.3519, 0.3027, 0.3661)$

Have a look what the booklet for
Yxy(71.3519, 0.3027, 0.3661)
contains.

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Color

Yxy(71.1563, 0.3023, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	BAE6C7
RGB	186, 230, 199
RGB Percent	73%, 90%, 78%
CMY	0.2707, 0.0980, 0.2196
CMYK	0.19, 0.00, 0.13, 0.10
HSL	138°, 47%, 82%
HSV	138°, 19%, 90%
XYZ	58.8524, 71.1563, 64.6734
YIQ	213.3100, -16.2730, -18.9690

Conversions

Conversions Part 2

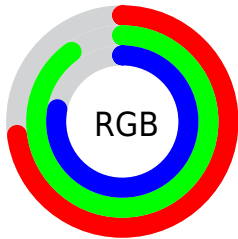
Format	Color
RYB	186, 220, 230
Decimal	12248775
CIELab	87.56, -20.22, 10.43
CIElCh	88, 22.751, 152.703
Yxy	71.1563, 0.3023, 0.3655
Android (android.graphics.Color)	4290438855 (0xFFBAE6C7)
YUV	213.3100, -7.0548, -23.9509
Hunter-Lab	84.3542, -23.0836, 13.5910

Details

The Yxy color **71.1563, 0.3023, 0.3655** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.9416, 0.3250, 0.2951**, and the grayscale version is **66.8138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **37.2220, 0.2995, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **67.7944, 0.2971, 0.3879**, and if you desaturate by 10%, it is **75.0679, 0.3077, 0.3454**.

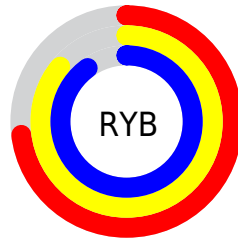
Distribution



Red (73%)

Green (90%)

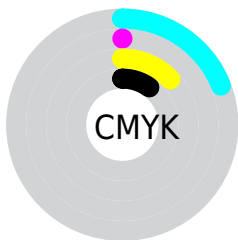
Blue (78%)



Red (73%)

Yellow (86%)

Blue (90%)

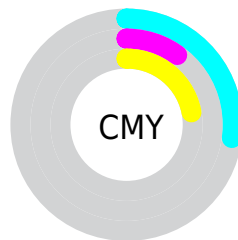


Cyan (19%)

Magenta (0%)

Yellow (13%)

Black (10%)



Cyan (27%)


Magenta (10%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1563, 0.3023, 0.3655 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 71.1563, 0.3023, 0.3655 by changing the saturation by 10% instead.

 71.1563, 0.3023,
0.3655

 71.1563, 0.3023,
0.3655


464.5996, 0.3074,
0.3481

 52.4698, 0.3011,
0.3696


 120.8563, 0.3041,
0.3593

 37.3796, 0.2995,
0.3748


152.6385, 0.3048,
0.3570

 25.5016, 0.2975,
0.3814


189.5547, 0.3054,
0.3550

 16.4511, 0.2948,
0.3904

231.9893, 0.3059,
0.3532

 9.8439, 0.2909,
0.4029

280.3267, 0.3063,
0.3517

 5.2956, 0.2849,
0.4219

334.9513, 0.3067,

 2.4217, 0.2744,

0.3503

396.2475, 0.3071,
0.3491

0.4536

0.8370, 0.2286,
0.6336

0.0000, 0.0000,
0.0000

71.1563, 0.3023,
0.3655

71.1563, 0.3023,
0.3655

67.7944, 0.2971,
0.3879

75.0679, 0.3077,
0.3454

64.9486, 0.2924,
0.4124

79.5432, 0.3132,
0.3276

62.5952, 0.2885,
0.4386

84.6069, 0.3185,
0.3119

60.7053, 0.2857,
0.4657

85.0787, 0.3138,
0.3049

■ 59.2467, 0.2843,
0.4929

■ 58.1831, 0.2845,
0.5187

■ 57.4717, 0.2863,
0.5418

■ 57.0471, 0.2894,
0.5613

■ 57.0172, 0.2897,
0.5628

Harmonies

Analogous

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



71.1563, 0.3300, 0.3775



71.1563, 0.3023, 0.3655



71.1563, 0.2782, 0.3423

Triad

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



71.1563, 0.3023, 0.3655



71.1563, 0.2722, 0.2843



71.1563, 0.3646, 0.3382

Complementary

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



71.1563, 0.3023, 0.3655



56.9416, 0.3250, 0.2951

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.



71.1563, 0.3477, 0.3152



71.1563, 0.3023, 0.3655



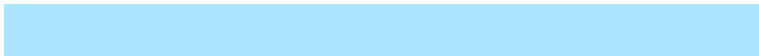
71.1563, 0.2939, 0.2850

Square

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



71.1563, 0.3023, 0.3655



71.1563, 0.2614, 0.2952



71.1563, 0.3215, 0.2962



71.1563, 0.3667, 0.3600

Rectangle

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



71.1563, 0.3023, 0.3655



71.1563, 0.2671, 0.3247



71.1563, 0.3215, 0.2962



71.1563, 0.3604, 0.3304

Sweetspot

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



71.1593, 0.3023, 0.3655



96.5384, 0.3094, 0.3396



74.9766, 0.3324, 0.3780



20.5860, 0.3091, 0.3408



0.0000, 0.0000, 0.0000



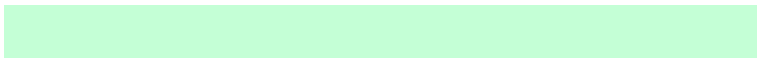
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1593, 0.3023, 0.3655



88.1432, 0.3002, 0.3742



72.2273, 0.2895, 0.3399



16.1590, 0.3075, 0.3460



32.2958, 0.2889, 0.5601



2.4024, 0.2808, 0.5309

Inverse Universe

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



56.9416, 0.3250, 0.2951



67.0496, 0.3280, 0.2878



55.8969, 0.3423, 0.3184



14.5387, 0.3183, 0.3126



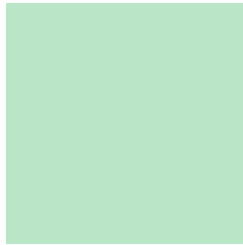
11.0216, 0.4129, 0.2048



0.8306, 0.3962, 0.1956

Previews

White Background



This preview shows how the Yxy color 71.1563, 0.3023, 0.3655 looks on a white background.

Color Contrast Check

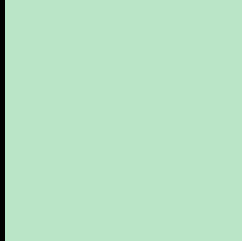
Large Text (above 18pt) WCAG AA × Fail

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 71.1563, 0.3023, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

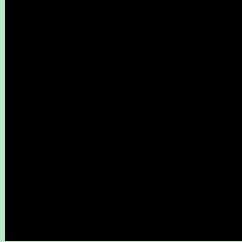
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

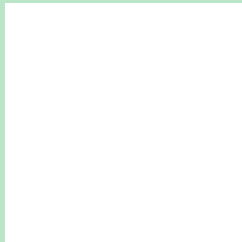
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1563, 0.3023, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 71.1563, 0.3023, 0.3655.

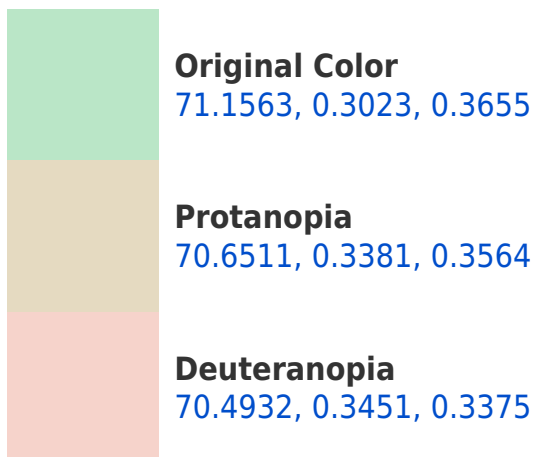


This preview shows how white text looks on a background with the Yxy color 71.1563, 0.3023, 0.3655.

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

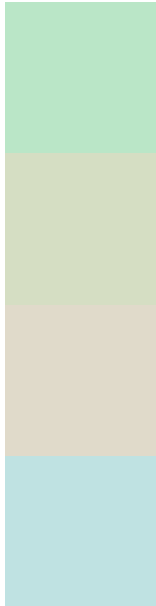




Tritanopia

71.1914, 0.2818, 0.3089

Trichromacy



Original Color

71.1563, 0.3023, 0.3655

Protanomaly

70.3288, 0.3242, 0.3595

Deuteranomaly

70.2544, 0.3280, 0.3467

Tritanomaly

70.9601, 0.2893, 0.3289

Monochromacy



Original Color

71.1563, 0.3023, 0.3655

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.9136, 0.3086, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1563, 0.3023, 0.3655 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(186, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 230, 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(186, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 230, 199) }
```

Border

The CSS property to change the border of an element to Yxy 71.1563, 0.3023, 0.3655 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(186, 230, 199) }
```

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

```
.border{ border-color:rgb(186, 230, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 230, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 230, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 230, 199); box-shadow:4px 4px 4px 4px rgb(186, 230, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1563, 0.3023, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 230, 199) }
```

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

```
.background{ background-color: rgb(186,  
230, 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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