

Converting Colors

$Yxy(74.9059, 0.2995, 0.3625)$

Have a look what the booklet for
Yxy(74.9059, 0.2995, 0.3625)
contains.

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Color

Yxy(74.5643, 0.2994, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	BCEBCE
RGB	188, 235, 206
RGB Percent	74%, 92%, 81%
CMY	0.2628, 0.0784, 0.1921
CMYK	0.20, 0.00, 0.12, 0.08
HSL	143°, 54%, 83%
HSV	143°, 20%, 92%
XYZ	61.5850, 74.5643, 69.5454
YIQ	217.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

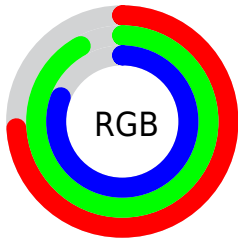
Format	Color
R _Y B	188, 222, 235
Decimal	12381134
CIE Lab	89.19, -20.74, 9.12
CIE LCh	89, 22.654, 156.260
Yxy	74.5643, 0.2994, 0.3625
Android (android.graphics.Color)	4290571214 (0xFFBCEBCE)
YUV	217.6410, -5.7390, -25.9952
Hunter-Lab	86.3506, -23.8080, 12.6943

Details

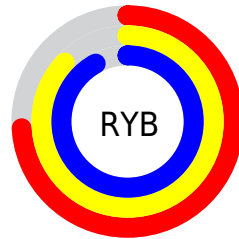
The Yxy color **74.5643, 0.2994, 0.3625** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6302, 0.3289, 0.2977**, and the grayscale version is **69.9005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **39.5755, 0.2959, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **71.1500, 0.2932, 0.3822**, and if you desaturate by 10%, it is **78.5358, 0.3060, 0.3448**.

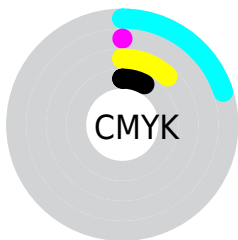
Distribution



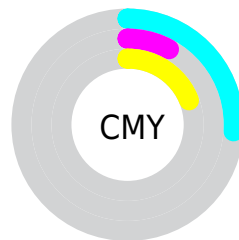
- Red (74%)
- Green (92%)
- Blue (81%)



- Red (74%)
- Yellow (87%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)




- Cyan (26%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5643, 0.2994, 0.3625 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 74.5643, 0.2994, 0.3625 by changing the saturation by 10% instead.

 74.5643, 0.2994,
0.3625

 74.5643, 0.2994,
0.3625


476.4187, 0.3057,
0.3467

 55.2560, 0.2979,
0.3662

 125.6954, 0.3016,
0.3569

 39.6067, 0.2961,
0.3708


158.2870, 0.3025,
0.3548

 27.2321, 0.2937,
0.3768


196.0753, 0.3032,
0.3530

 17.7476, 0.2905,
0.3846

239.4444, 0.3039,
0.3514

 10.7689, 0.2860,
0.3956

288.7790, 0.3044,
0.3500

 5.9117, 0.2793,
0.4119


344.4632, 0.3049,

 2.7914, 0.2683,


0.3487

0.4387


406.8817, 0.3053,
0.3476


 1.0238, 0.2357,
0.5239


 0.0000, 0.0000,
0.0000


 74.5643, 0.2994,
0.3625


 74.5643, 0.2994,
0.3625


 71.1500, 0.2932,
0.3822


 78.5358, 0.3060,
0.3448


 68.2582, 0.2876,
0.4036

 83.0786, 0.3127,
0.3290

 65.8648, 0.2829,
0.4266

 87.5515, 0.3171,
0.3150

 63.9400, 0.2796,
0.4506

 87.9018, 0.3136,
0.3097

■ 62.4506, 0.2779,
0.4749

■ 61.3591, 0.2780,
0.4985

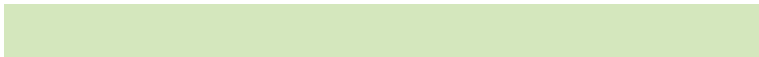
■ 60.6209, 0.2800,
0.5205

■ 60.1618, 0.2834,
0.5402

Harmonies

Analogous

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



74.5643, 0.3265, 0.3759



74.5643, 0.2994, 0.3625



74.5643, 0.2766, 0.3390

Triad

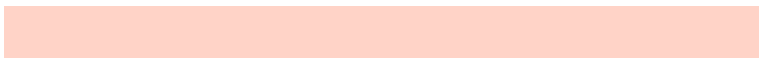
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5643, 0.2994, 0.3625



74.5643, 0.2750, 0.2847



74.5643, 0.3646, 0.3407

Complementary

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



74.5643, 0.2994, 0.3625



58.6302, 0.3289, 0.2977

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.



74.5643, 0.3496, 0.3180



74.5643, 0.2994, 0.3625



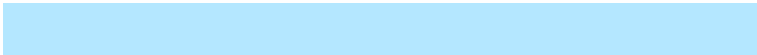
74.5643, 0.2973, 0.2866

Square

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



74.5643, 0.2994, 0.3625



74.5643, 0.2629, 0.2940



74.5643, 0.3246, 0.2986



74.5643, 0.3649, 0.3616

Rectangle

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



74.5643, 0.2994, 0.3625



74.5643, 0.2665, 0.3218



74.5643, 0.3246, 0.2986



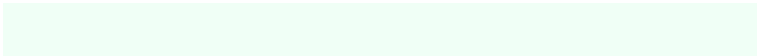
74.5643, 0.3611, 0.3331

Sweetspot

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



74.5674, 0.2994, 0.3625



96.6200, 0.3087, 0.3383



77.8006, 0.3300, 0.3810



20.6052, 0.3082, 0.3393



0.0000, 0.0000, 0.0000



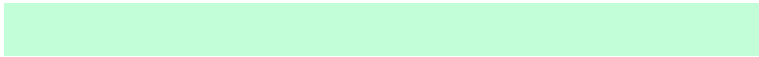
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5674, 0.2994, 0.3625



87.9865, 0.2968, 0.3703



75.7970, 0.2859, 0.3351



16.9578, 0.3064, 0.3439



33.5030, 0.2826, 0.5372



2.6491, 0.2748, 0.5093

Inverse Universe

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



58.6302, 0.3289, 0.2977



65.5544, 0.3329, 0.2910



57.4927, 0.3479, 0.3230



15.2102, 0.3197, 0.3146



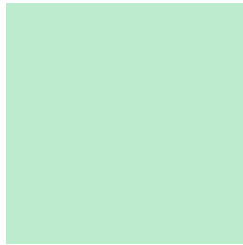
10.9915, 0.4470, 0.2236



0.8818, 0.4249, 0.2114

Previews

White Background



This preview shows how the Yxy color 74.5643, 0.2994, 0.3625 looks on a white background.

Color Contrast Check

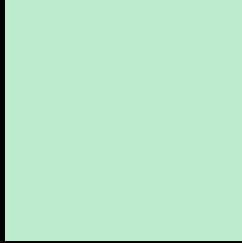
Large Text (above 18pt) WCAG AA × Fail

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 74.5643, 0.2994, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

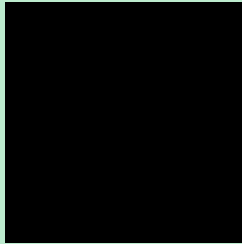
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

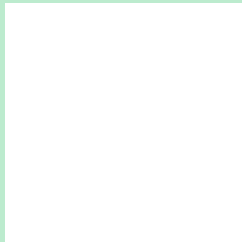
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5643, 0.2994, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 74.5643, 0.2994, 0.3625.

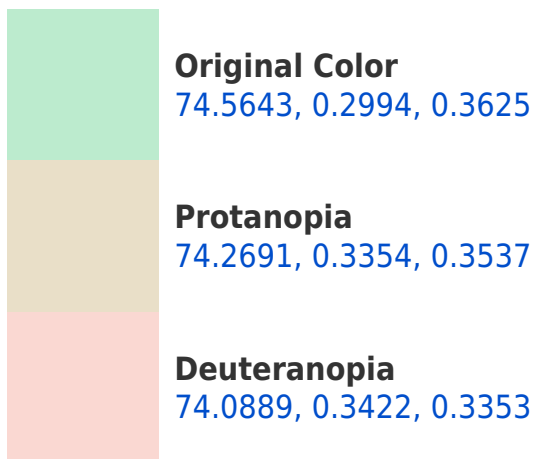


This preview shows how white text looks on a background with the Yxy color 74.5643, 0.2994, 0.3625.

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

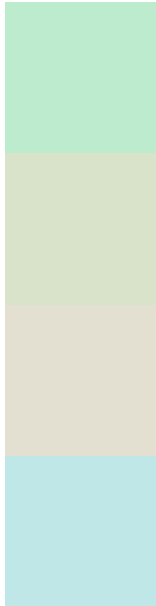




Tritanopia

74.3561, 0.2799, 0.3092

Trichromacy



Original Color

74.5643, 0.2994, 0.3625

Protanomaly

73.9542, 0.3219, 0.3567

Deuteranomaly

73.7097, 0.3249, 0.3442

Tritanomaly

74.1845, 0.2867, 0.3278

Monochromacy



Original Color

74.5643, 0.2994, 0.3625

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.4317, 0.3073, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5643, 0.2994, 0.3625 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(188, 235, 206)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 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(188, 235, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.5643, 0.2994, 0.3625 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(188, 235, 206) }
```

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

```
.border{ border-color:rgb(188, 235, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 235, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 235, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 235, 206);  
box-shadow:4px 4px 4px 4px rgb(188, 235,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5643, 0.2994, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 206) }
```

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

```
.background{ background-color: rgb(188,  
235, 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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