

Converting Colors

$Yxy(79.1354, 0.2944, 0.3594)$

Have a look what the booklet for
Yxy(79.1354, 0.2944, 0.3594)
contains.

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Color

Yxy(79.1019, 0.2943, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	BCF2D7
RGB	188, 242, 215
RGB Percent	74%, 95%, 84%
CMY	0.2629, 0.0509, 0.1567
CMYK	0.22, 0.00, 0.11, 0.05
HSL	150°, 68%, 84%
HSV	150°, 22%, 95%
XYZ	64.7557, 79.1019, 76.1755
YIQ	222.7760, -23.5170, -19.8450

Conversions

Conversions Part 2

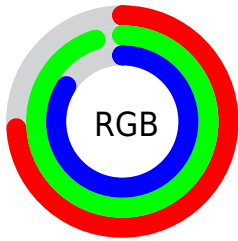
Format	Color
RYB	188, 224, 242
Decimal	12382935
CIELab	91.28, -22.45, 7.42
CIELCh	91, 23.646, 161.716
Yxy	79.1019, 0.2943, 0.3595
Android (android.graphics.Color)	4290573015 (0xFFBCF2D7)
YUV	222.7760, -3.8336, -30.4986
Hunter-Lab	88.9392, -25.6797, 11.4763

Details

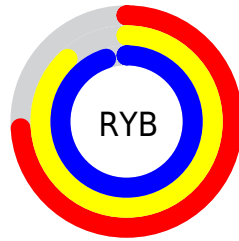
The Yxy color **79.1019, 0.2943, 0.3595** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.7352, 0.3362, 0.3004**, and the grayscale version is **73.6647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **42.7242, 0.2904, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **75.6874, 0.2868, 0.3756**, and if you desaturate by 10%, it is **83.0841, 0.3024, 0.3449**.

Distribution



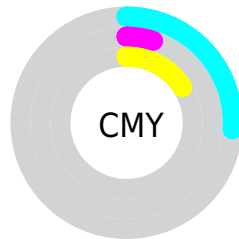
- Red (74%)
- Green (95%)
- Blue (84%)



- Red (74%)
- Yellow (88%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)





- Cyan (26%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1019, 0.2943, 0.3595 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 79.1019, 0.2943, 0.3595 by changing the saturation by 10% instead.

 79.1019, 0.2943,
0.3595

 79.1019, 0.2943,
0.3595

491.9010, 0.3029,
0.3453

 58.9796, 0.2923,
0.3628


 132.1023, 0.2973,
0.3545

 42.5967, 0.2899,
0.3669


165.7492, 0.2984,
0.3526

 29.5688, 0.2868,
0.3720


204.6731, 0.2994,
0.3510

 19.5115, 0.2828,
0.3789

249.2583, 0.3003,
0.3495

 12.0405, 0.2772,
0.3883

299.8893, 0.3010,
0.3483

 6.7712, 0.2692,
0.4020

356.9505, 0.3017,

 3.3195, 0.2565,

0.3472

0.4239

420.8263, 0.3023,
0.3462

■ 1.3007, 0.2298,
0.4678

■ 0.1417, 0.0000,
1.0000

■ 79.1019, 0.2943,
0.3595

■ 79.1019, 0.2943,
0.3595

■ 75.6874, 0.2868,
0.3756

■ 83.0841, 0.3024,
0.3449

■ 72.8040, 0.2801,
0.3930

■ 87.6491, 0.3107,
0.3318

■ 70.4263, 0.2747,
0.4116

■ 91.7510, 0.3156,
0.3201

■ 68.5223, 0.2708,
0.4311

■ 91.9889, 0.3133,
0.3166

■ 67.0566, 0.2687,
0.4509

■ 65.9885, 0.2686,
0.4706

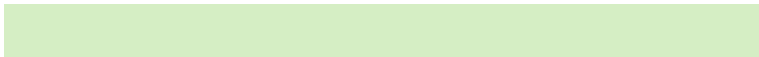
■ 65.2688, 0.2706,
0.4895

■ 64.8958, 0.2731,
0.5032

Harmonies

Analogous

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



79.1019, 0.3218, 0.3756



79.1019, 0.2943, 0.3595



79.1019, 0.2724, 0.3344

Triad

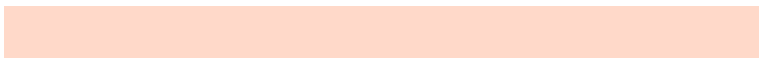
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1019, 0.2943, 0.3595



79.1019, 0.2776, 0.2832



79.1019, 0.3671, 0.3451

Complementary

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



79.1019, 0.2943, 0.3595



59.7352, 0.3362, 0.3004

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.



79.1019, 0.3542, 0.3219



79.1019, 0.2943, 0.3595



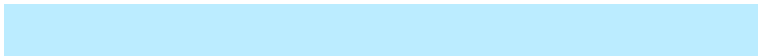
79.1019, 0.3018, 0.2872

Square

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



79.1019, 0.2943, 0.3595



79.1019, 0.2631, 0.2906



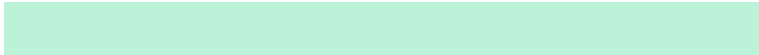
79.1019, 0.3300, 0.3011



79.1019, 0.3645, 0.3656

Rectangle

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



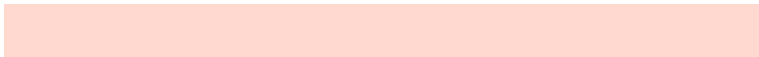
79.1019, 0.2943, 0.3595



79.1019, 0.2636, 0.3169



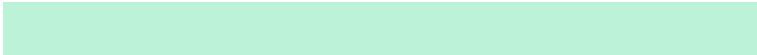
79.1019, 0.3300, 0.3011



79.1019, 0.3644, 0.3374

Sweetspot

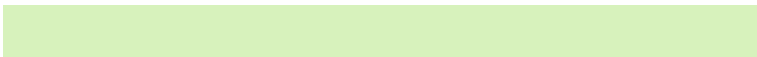
The Sweet Spot groups the original color and five complimentary colors.



79.1052, 0.2943, 0.3595



96.2100, 0.3068, 0.3378



81.5839, 0.3277, 0.3883



20.5263, 0.3063, 0.3386



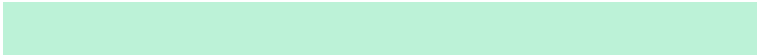
0.0000, 0.0000, 0.0000



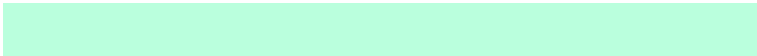
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1052, 0.2943, 0.3595



87.1796, 0.2906, 0.3669



80.6078, 0.2796, 0.3289



17.7885, 0.3048, 0.3410



34.8877, 0.2723, 0.5003



2.9224, 0.2656, 0.4763

Inverse Universe

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



59.7352, 0.3362, 0.3004



61.6350, 0.3426, 0.2940



58.4620, 0.3585, 0.3291



15.8904, 0.3215, 0.3173



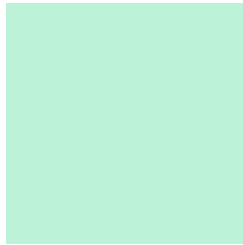
10.9068, 0.4963, 0.2508



0.9274, 0.4670, 0.2346

Previews

White Background



This preview shows how the Yxy color 79.1019, 0.2943, 0.3595 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 79.1019, 0.2943, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

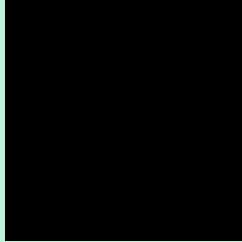
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

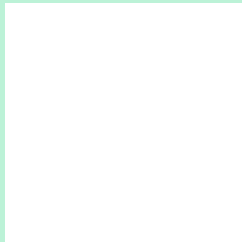
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1019, 0.2943, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 79.1019, 0.2943, 0.3595.

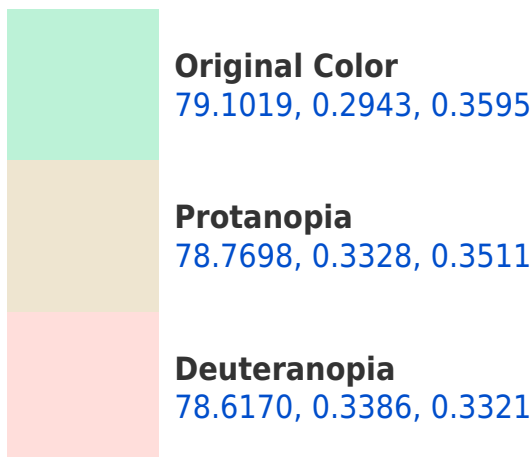


This preview shows how white text looks on a background with the Yxy color 79.1019, 0.2943, 0.3595.

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

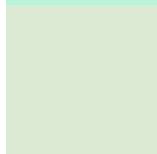
78.9467, 0.2767, 0.3085

Trichromacy



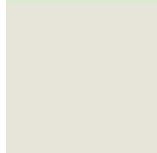
Original Color

79.1019, 0.2943, 0.3595



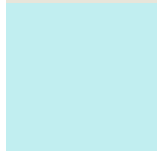
Protanomaly

78.7644, 0.3176, 0.3539



Deuteranomaly

78.0895, 0.3212, 0.3406



Tritanomaly

78.7778, 0.2832, 0.3267

Monochromacy



Original Color

79.1019, 0.2943, 0.3595



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.4626, 0.3054, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1019, 0.2943, 0.3595 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, 242, 215)` looks like.

```
.text, #text, p{  
    color:rgb(188, 242, 215)  
}
```

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, 242, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 242, 215) }
```

Border

The CSS property to change the border of an element to Yxy 79.1019, 0.2943, 0.3595 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, 242, 215) }
```

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

```
.border{ border-color:rgb(188, 242, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 242, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 242, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 242, 215);  
box-shadow:4px 4px 4px 4px rgb(188, 242,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1019, 0.2943, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 242, 215) }
```

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

```
.background{ background-color: rgb(188,  
242, 215) }
```

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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