

Converting Colors

$Yxy(79.9647, 0.2961, 0.3561)$

Have a look what the booklet for
Yxy(79.9647, 0.2961, 0.3561)
contains.

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Color

Yxy(79.9037, 0.2957, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	C1F2DA
RGB	193, 242, 218
RGB Percent	76%, 95%, 85%
CMY	0.2430, 0.0510, 0.1450
CMYK	0.20, 0.00, 0.10, 0.05
HSL	151°, 65%, 85%
HSV	151°, 20%, 95%
XYZ	66.4068, 79.9037, 78.2643
YIQ	224.6130, -21.5000, -17.8520

Conversions

Conversions Part 2

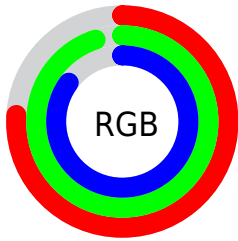
Format	Color
RYB	193, 225, 242
Decimal	12710618
CIELab	91.64, -20.30, 6.43
CIElCh	92, 21.296, 162.418
Yxy	79.9037, 0.2957, 0.3558
Android (android.graphics.Color)	4290900698 (0xFFC1F2DA)
YUV	224.6130, -3.2602, -27.7246
Hunter-Lab	89.3889, -23.8233, 10.6609

Details

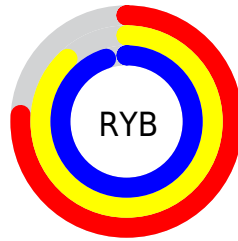
The Yxy color **79.9037, 0.2957, 0.3558** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0409, 0.3339, 0.3037**, and the grayscale version is **75.0448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **43.2511, 0.2920, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **76.3833, 0.2879, 0.3713**, and if you desaturate by 10%, it is **83.9955, 0.3040, 0.3418**.

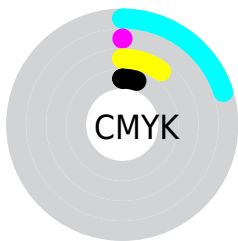
Distribution



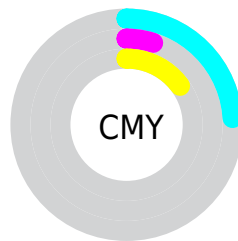
- Red (76%)
- Green (95%)
- Blue (85%)



- Red (76%)
- Yellow (88%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)




- Cyan (24%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9037, 0.2957, 0.3558 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 79.9037, 0.2957, 0.3558 by changing the saturation by 10% instead.

 79.9037, 0.2957,
0.3558

 79.9037, 0.2957,
0.3558


494.6082, 0.3036,
0.3434

 59.6391, 0.2939,
0.3587


 133.2303, 0.2984,
0.3515

 43.1278, 0.2917,
0.3622

167.0612, 0.2995,
0.3498

 29.9854, 0.2889,
0.3667

206.1829, 0.3004,
0.3483

 19.8275, 0.2852,
0.3726

250.9798, 0.3012,
0.3471

 12.2697, 0.2802,
0.3807

301.8365, 0.3019,
0.3460

 6.9277, 0.2730,
0.3925


359.1371, 0.3025,


 3.4169, 0.2616,


0.3450


0.4111


423.2663, 0.3031,
0.3441


 1.3531, 0.2402,
0.4457


 0.1817, 0.0000,
1.0000


 79.9037, 0.2957,
0.3558


 79.9037, 0.2957,
0.3558

 76.3833, 0.2879,
0.3713

 83.9955, 0.3040,
0.3418


 73.3982, 0.2810,
0.3881

 88.6732, 0.3125,
0.3293

 70.9233, 0.2751,
0.4061

 91.8907, 0.3142,
0.3179

 68.9276, 0.2708,
0.4250

 91.9825, 0.3133,
0.3165

■ 67.3766, 0.2682,
0.4444

■ 66.2308, 0.2677,
0.4638

■ 65.4433, 0.2692,
0.4826

■ 64.9449, 0.2722,
0.5001

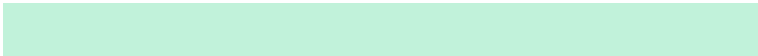
Harmonies

Analogous

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



79.9037, 0.3204, 0.3704



79.9037, 0.2957, 0.3558



79.9037, 0.2761, 0.3334

Triad

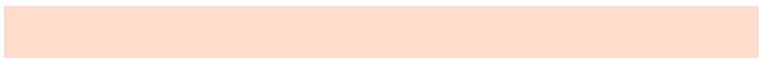
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9037, 0.2957, 0.3558



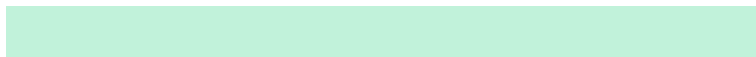
79.9037, 0.2816, 0.2877



79.9037, 0.3615, 0.3442

Complementary

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



79.9037, 0.2957, 0.3558



62.0409, 0.3339, 0.3037

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.



79.9037, 0.3504, 0.3232



79.9037, 0.2957, 0.3558



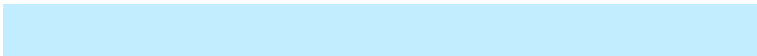
79.9037, 0.3035, 0.2914

Square

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



79.9037, 0.2957, 0.3558



79.9037, 0.2682, 0.2943



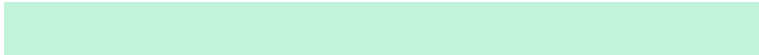
79.9037, 0.3288, 0.3042



79.9037, 0.3589, 0.3624

Rectangle

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



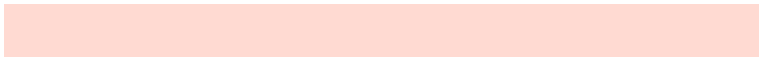
79.9037, 0.2957, 0.3558



79.9037, 0.2683, 0.3178



79.9037, 0.3288, 0.3042



79.9037, 0.3593, 0.3372

Sweetspot

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



79.9070, 0.2957, 0.3558



96.7396, 0.3076, 0.3363



82.1848, 0.3263, 0.3823



20.6335, 0.3070, 0.3372



0.0000, 0.0000, 0.0000



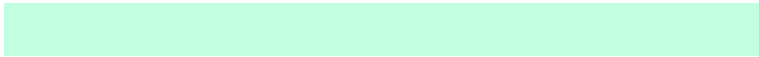
21.4041, 0.3127, 0.3290

Same Dimension

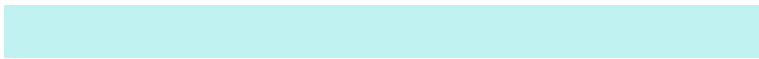
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9070, 0.2957, 0.3558



88.4008, 0.2926, 0.3616



81.2547, 0.2825, 0.3289



17.7910, 0.3046, 0.3408



34.9177, 0.2714, 0.4972



2.9249, 0.2649, 0.4734

Inverse Universe

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



62.0409, 0.3339, 0.3037



65.1239, 0.3389, 0.2986



60.8823, 0.3531, 0.3291



15.8879, 0.3216, 0.3175



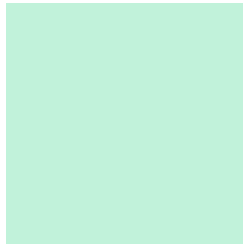
10.8776, 0.5002, 0.2529



0.9250, 0.4703, 0.2364

Previews

White Background



This preview shows how the Yxy color 79.9037, 0.2957, 0.3558 looks on a white background.

Color Contrast Check

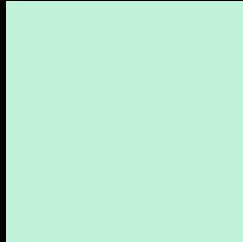
Large Text (above 18pt) WCAG AA × Fail

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 79.9037, 0.2957, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

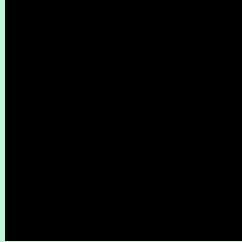
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

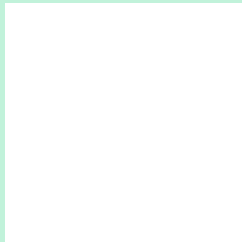
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9037, 0.2957, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 79.9037, 0.2957, 0.3558.

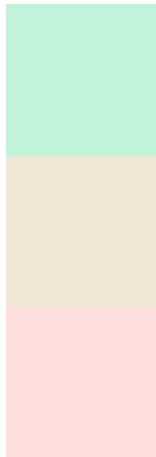


This preview shows how white text looks on a background with the Yxy color 79.9037, 0.2957, 0.3558.

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



Original Color

79.9037, 0.2957, 0.3558

Protanopia

79.6475, 0.3313, 0.3489

Deuteranopia

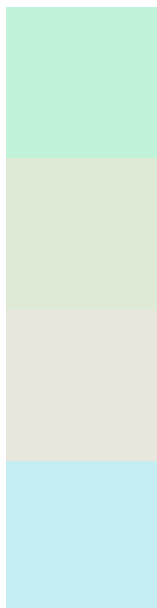
79.3093, 0.3363, 0.3301



Tritanopia

79.6284, 0.2797, 0.3087

Trichromacy



Original Color

79.9037, 0.2957, 0.3558

Protanomaly

79.2303, 0.3171, 0.3505

Deuteranomaly

78.9699, 0.3199, 0.3385

Tritanomaly

79.5656, 0.2851, 0.3246

Monochromacy



Original Color

79.9037, 0.2957, 0.3558

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.5719, 0.3062, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9037, 0.2957, 0.3558 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(193, 242, 218)` looks like.

```
.text, #text, p{  
    color:rgb(193, 242, 218)  
}
```

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(193, 242, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 218) }
```

Border

The CSS property to change the border of an element to Yxy 79.9037, 0.2957, 0.3558 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(193, 242, 218) }
```

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

```
.border{ border-color:rgb(193, 242, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 242, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 242, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 242, 218);  
box-shadow:4px 4px 4px 4px rgb(193, 242,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9037, 0.2957, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 242, 218) }
```

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

```
.background{ background-color: rgb(193,  
242, 218) }
```

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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