

Converting Colors

$Yxy(79.7698, 0.3059, 0.3501)$

Have a look what the booklet for
Yxy(79.7698, 0.3059, 0.3501)
contains.

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Color

Yxy(79.9127, 0.3064, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	D2EEDA
RGB	210, 238, 218
RGB Percent	82%, 93%, 85%
CMY	0.1767, 0.0666, 0.1450
CMYK	0.12, 0.00, 0.08, 0.07
HSL	137°, 45%, 88%
HSV	137°, 12%, 93%
XYZ	69.7983, 79.9127, 78.0903
YIQ	227.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

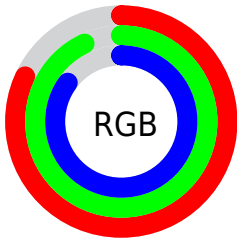
Format	Color
R_{YB}	210, 232, 238
Decimal	13823706
CIE Lab	91.65, -12.89, 6.57
CIE LCh	92, 14.470, 152.983
Yxy	79.9127, 0.3064, 0.3508
Android (android.graphics.Color)	4292013786 (0xFFD2EEDA)
YUV	227.3480, -4.6086, -15.2142
Hunter-Lab	89.3939, -17.0674, 10.7828

Details

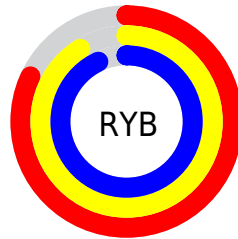
The Yxy color **79.9127, 0.3064, 0.3508** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9566, 0.3197, 0.3081**, and the grayscale version is **77.1189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0688, 0.3047, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **75.8367, 0.3011, 0.3718**, and if you desaturate by 10%, it is **84.6058, 0.3118, 0.3321**.

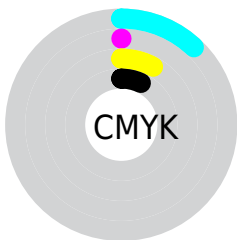
Distribution



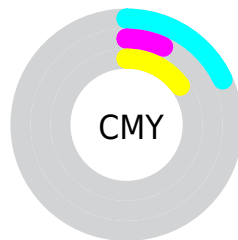
- Red (82%)
- Green (93%)
- Blue (85%)



- Red (82%)
- Yellow (91%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (18%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9127, 0.3064, 0.3508 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 79.9127, 0.3064, 0.3508 by changing the saturation by 10% instead.


 79.9127, 0.3064,
0.3508

 79.9127, 0.3064,
0.3508


494.6386, 0.3094,
0.3407

 59.6465, 0.3057,
0.3531


133.2430, 0.3074,
0.3473

 43.1338, 0.3049,
0.3560

167.0759, 0.3078,
0.3459

 29.9901, 0.3038,
0.3596


206.1998, 0.3082,
0.3448

 19.8311, 0.3024,
0.3643

250.9991, 0.3085,
0.3437

 12.2723, 0.3004,
0.3708

301.8583, 0.3087,
0.3428

 6.9294, 0.2975,
0.3802

359.1616, 0.3090,

 3.4180, 0.2929,

0.3421

0.3950

423.2936, 0.3092,
0.3413

■ 1.3537, 0.2843,
0.4216

■ 0.1822, 0.0000,
1.0000

■ 79.9127, 0.3064,
0.3508

■ 79.9127, 0.3064,
0.3508

■ 75.8367, 0.3011,
0.3718

■ 84.6058, 0.3118,
0.3321

■ 72.3421, 0.2961,
0.3952

■ 89.4430, 0.3154,
0.3156

■ 69.4048, 0.2917,
0.4205

■ 89.6392, 0.3135,
0.3127

■ 66.9952, 0.2881,
0.4474

■ 65.0807, 0.2857,
0.4750

■ 63.6253, 0.2847,
0.5022

■ 62.5876, 0.2854,
0.5276

■ 61.9183, 0.2877,
0.5498

■ 61.5825, 0.2903,
0.5650

Harmonies

Analogous

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



79.9127, 0.3234, 0.3582



79.9127, 0.3064, 0.3508



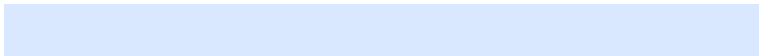
79.9127, 0.2914, 0.3371

Triad

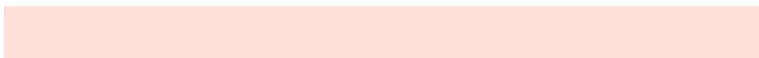
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9127, 0.3064, 0.3508



79.9127, 0.2878, 0.3013



79.9127, 0.3443, 0.3352

Complementary

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



79.9127, 0.3064, 0.3508



69.9566, 0.3197, 0.3081

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.



79.9127, 0.3342, 0.3207



79.9127, 0.3064, 0.3508



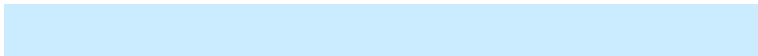
79.9127, 0.3014, 0.3015

Square

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



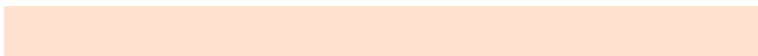
79.9127, 0.3064, 0.3508



79.9127, 0.2808, 0.3084



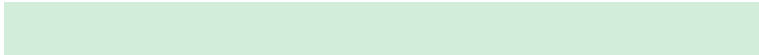
79.9127, 0.3184, 0.3086



79.9127, 0.3456, 0.3486

Rectangle

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



79.9127, 0.3064, 0.3508



79.9127, 0.2844, 0.3266



79.9127, 0.3184, 0.3086



79.9127, 0.3418, 0.3303

Sweetspot

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



79.9161, 0.3064, 0.3508



97.6574, 0.3106, 0.3361



82.6432, 0.3248, 0.3586



20.8112, 0.3102, 0.3374



0.0000, 0.0000, 0.0000



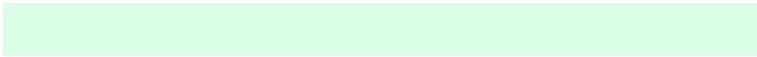
21.4041, 0.3127, 0.3290

Same Dimension

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



79.9161, 0.3064, 0.3508



92.3158, 0.3052, 0.3553



80.6754, 0.2982, 0.3355



17.7312, 0.3076, 0.3463



34.3705, 0.2896, 0.5624



2.8759, 0.2824, 0.5365

Inverse Universe

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



69.9566, 0.3197, 0.3081



78.6557, 0.3212, 0.3040



69.2061, 0.3296, 0.3226



15.9493, 0.3182, 0.3123



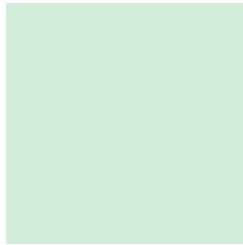
11.7735, 0.4100, 0.2032



0.9966, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 79.9127, 0.3064, 0.3508 looks on a white background.

Color Contrast Check

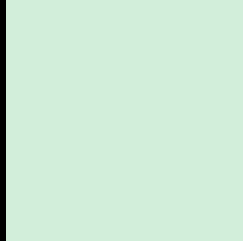
Large Text (above 18pt) WCAG AA × Fail

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 79.9127, 0.3064, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

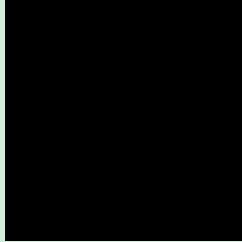
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

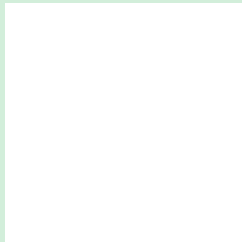
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9127, 0.3064, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 79.9127, 0.3064, 0.3508.

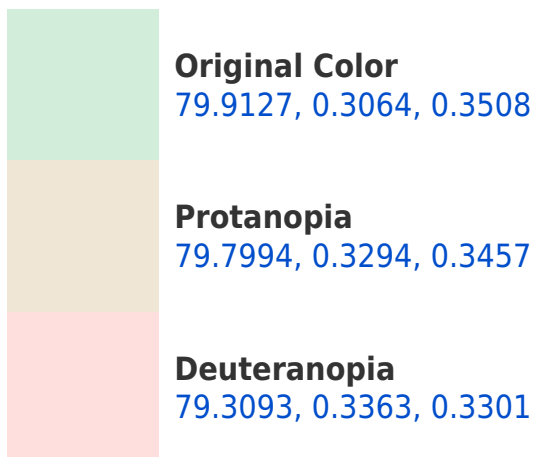


This preview shows how white text looks on a background with the Yxy color 79.9127, 0.3064, 0.3508.

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

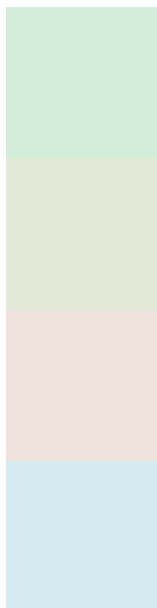




Tritanopia

79.9050, 0.2902, 0.3091

Trichromacy



Original Color

79.9127, 0.3064, 0.3508

Protanomaly

79.6781, 0.3207, 0.3481

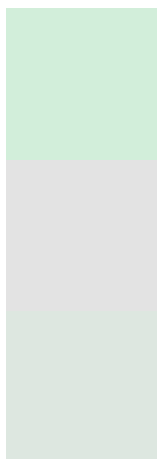
Deuteranomaly

79.0580, 0.3249, 0.3363

Tritanomaly

80.0041, 0.2960, 0.3236

Monochromacy



Original Color

79.9127, 0.3064, 0.3508

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.9058, 0.3103, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9127, 0.3064, 0.3508 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(210, 238, 218)` looks like.

```
.text, #text, p{  
    color:rgb(210, 238, 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(210, 238, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 238, 218) }
```

Border

The CSS property to change the border of an element to Yxy 79.9127, 0.3064, 0.3508 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(210, 238, 218) }
```

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

```
.border{ border-color:rgb(210, 238, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 238, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 238, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 238, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 238,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9127, 0.3064, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 238, 218) }
```

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

```
.background{ background-color: rgb(210,  
238, 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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