

Converting Colors

Yxy(78.9841, 0.3130, 0.3598)

Have a look what the booklet for
Yxy(78.9841, 0.3130, 0.3598)
contains.

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Color

Yxy(79.0207, 0.3126, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	D3EDD1
RGB	211, 237, 209
RGB Percent	83%, 93%, 82%
CMY	0.1726, 0.0706, 0.1804
CMYK	0.11, 0.00, 0.12, 0.07
HSL	116°, 44%, 87%
HSV	116°, 12%, 93%
XYZ	68.6544, 79.0207, 71.9488
YIQ	226.0340, -6.5080, -14.2200

Conversions

Conversions Part 2

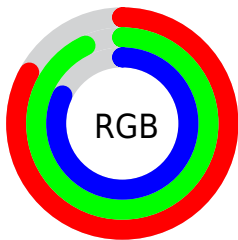
Format	Color
R _Y B	209, 237, 235
Decimal	13888977
CIE Lab	91.24, -13.64, 10.70
CIE LCh	91, 17.334, 141.874
Yxy	79.0207, 0.3126, 0.3598
Android (android.graphics.Color)	4292079057 (0xFFD3EDD1)
YUV	226.0340, -8.3978, -13.1848
Hunter-Lab	88.8936, -17.7044, 14.2373

Details

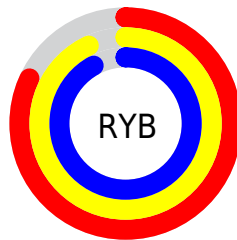
The Yxy color **79.0207, 0.3126, 0.3598** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.3743, 0.3126, 0.2998**, and the grayscale version is **76.1454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4822, 0.3118, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **74.9055, 0.3123, 0.3895**, and if you desaturate by 10%, it is **83.7622, 0.3127, 0.3334**.

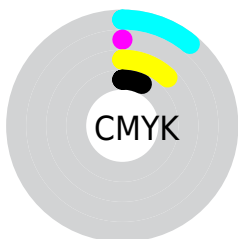
Distribution



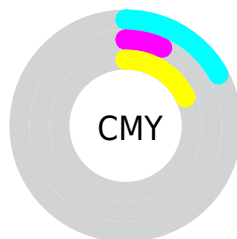
- Red (83%)
- Green (93%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)




- Cyan (17%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0207, 0.3126, 0.3598 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 79.0207, 0.3126, 0.3598 by changing the saturation by 10% instead.

 79.0207, 0.3126,
0.3598

 79.0207, 0.3126,
0.3598

491.6264, 0.3128,
0.3455

 58.9128, 0.3125,
0.3631


131.9880, 0.3127,
0.3548

 42.5430, 0.3124,
0.3672


165.6162, 0.3127,
0.3529

 29.5267, 0.3122,
0.3724


204.5200, 0.3127,
0.3512

 19.4796, 0.3119,
0.3792

249.0838, 0.3128,
0.3498

 12.0173, 0.3115,
0.3886

299.6919, 0.3128,
0.3485

 6.7555, 0.3106,
0.4023

356.7288, 0.3128,

 3.3097, 0.3088,

0.3474

0.4240

420.5788, 0.3128,
0.3464

■ 1.2955, 0.3089,
0.4706

■ 0.1377, 0.0000,
1.0000

■ 79.0207, 0.3126,
0.3598

■ 79.0207, 0.3126,
0.3598

■ 74.9055, 0.3123,
0.3895

■ 83.7622, 0.3127,
0.3334

■ 71.3807, 0.3117,
0.4222

■ 89.0529, 0.3135,
0.3117

■ 68.4225, 0.3108,
0.4570

■ 66.0011, 0.3096,
0.4924

■ 64.0842, 0.3081,
0.5263

■ 62.6362, 0.3063,
0.5558

■ 61.6165, 0.3043,
0.5785

■ 60.9777, 0.3024,
0.5929

■ 60.6916, 0.3012,
0.5990

Harmonies

Analogous

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



79.0207, 0.3326, 0.3650



79.0207, 0.3126, 0.3598



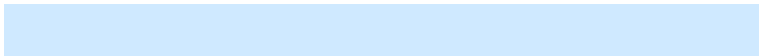
79.0207, 0.2931, 0.3455

Triad

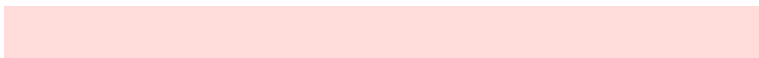
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0207, 0.3126, 0.3598



79.0207, 0.2787, 0.2979



79.0207, 0.3474, 0.3298

Complementary

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



79.0207, 0.3126, 0.3598



69.3743, 0.3126, 0.2998

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.



79.0207, 0.3321, 0.3132



79.0207, 0.3126, 0.3598



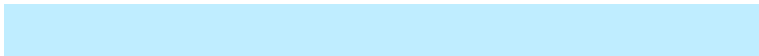
79.0207, 0.2924, 0.2950

Square

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



79.0207, 0.3126, 0.3598



79.0207, 0.2740, 0.3092



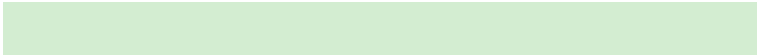
79.0207, 0.3118, 0.3007



79.0207, 0.3531, 0.3468

Rectangle

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



79.0207, 0.3126, 0.3598



79.0207, 0.2830, 0.3330



79.0207, 0.3118, 0.3007



79.0207, 0.3432, 0.3240

Sweetspot

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



79.0241, 0.3126, 0.3598



97.6082, 0.3127, 0.3389



81.8385, 0.3307, 0.3558



20.7988, 0.3127, 0.3409



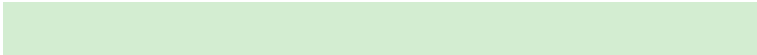
0.0000, 0.0000, 0.0000



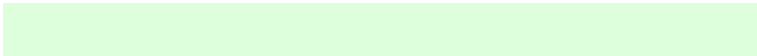
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0241, 0.3126, 0.3598



92.1568, 0.3125, 0.3662



79.3295, 0.3042, 0.3468



16.9136, 0.3126, 0.3533



33.1533, 0.3016, 0.5987



2.6214, 0.3058, 0.5954

Inverse Universe

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



69.3743, 0.3126, 0.2998



78.8186, 0.3126, 0.2941



69.0570, 0.3222, 0.3118



15.2558, 0.3127, 0.3057



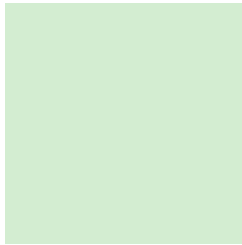
11.6740, 0.3031, 0.1443



0.9331, 0.3057, 0.1458

Previews

White Background



This preview shows how the Yxy color 79.0207, 0.3126, 0.3598 looks on a white background.

Color Contrast Check

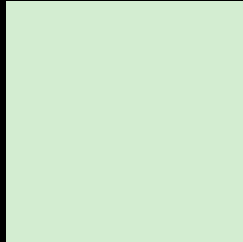
Large Text (above 18pt) WCAG AA × Fail

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 79.0207, 0.3126, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

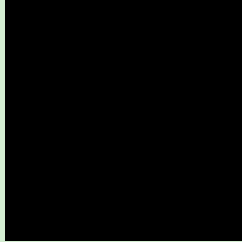
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

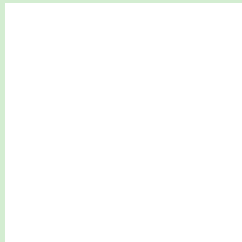
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0207, 0.3126, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 79.0207, 0.3126, 0.3598.



This preview shows how white text looks on a background with the Yxy color 79.0207, 0.3126, 0.3598.

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

79.0207, 0.3126, 0.3598

Protanopia

78.7971, 0.3355, 0.3542

Deuteranopia

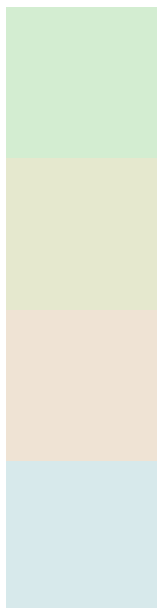
78.3576, 0.3421, 0.3372



Tritanopia

78.9594, 0.2926, 0.3091

Trichromacy



Original Color

79.0207, 0.3126, 0.3598

Protanomaly

78.8275, 0.3273, 0.3568

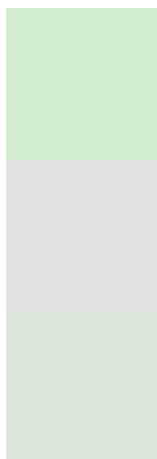
Deuteranomaly

78.0424, 0.3311, 0.3447

Tritanomaly

78.7231, 0.2996, 0.3268

Monochromacy



Original Color

79.0207, 0.3126, 0.3598

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.1331, 0.3129, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0207, 0.3126, 0.3598 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(211, 237, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 209)  
}
```

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(211, 237, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 209) }
```

Border

The CSS property to change the border of an element to Yxy 79.0207, 0.3126, 0.3598 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(211, 237, 209) }
```

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

```
.border{ border-color:rgb(211, 237, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 237, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0207, 0.3126, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 209) }
```

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

```
.background{ background-color: rgb(211,  
237, 209) }
```

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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