

Converting Colors

$Yxy(79.5540, 0.3082, 0.3553)$

Have a look what the booklet for
Yxy(79.5540, 0.3082, 0.3553)
contains.

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Color

Yxy(79.5594, 0.3082, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	D1EED6
RGB	209, 238, 214
RGB Percent	82%, 93%, 84%
CMY	0.1803, 0.0667, 0.1607
CMYK	0.12, 0.00, 0.10, 0.07
HSL	130°, 46%, 88%
HSV	130°, 12%, 93%
XYZ	69.0127, 79.5594, 75.3497
YIQ	226.5930, -9.5800, -13.6120

Conversions

Conversions Part 2

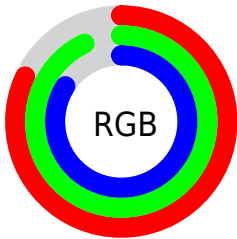
Format	Color
R_{YB}	209, 234, 238
Decimal	13758166
CIE _{Lab}	91.49, -13.90, 8.42
CIE _{LCh}	91, 16.255, 148.808
Yxy	79.5594, 0.3082, 0.3553
Android (android.graphics.Color)	4291948246 (0xFFD1EED6)
YUV	226.5930, -6.2083, -15.4291
Hunter-Lab	89.1961, -17.9843, 12.3512

Details

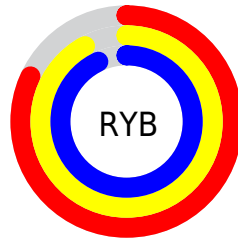
The Yxy color **79.5594, 0.3082, 0.3553** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.6716, 0.3176, 0.3040**, and the grayscale version is **76.5613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8291, 0.3070, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **75.3998, 0.3045, 0.3800**, and if you desaturate by 10%, it is **84.3660, 0.3119, 0.3334**.

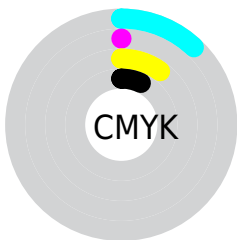
Distribution



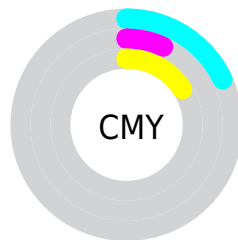
- Red (82%)
- Green (93%)
- Blue (84%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5594, 0.3082, 0.3553 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 79.5594, 0.3082, 0.3553 by changing the saturation by 10% instead.

■ 79.5594, 0.3082,
0.3553

■ 79.5594, 0.3082,
0.3553

493.4467, 0.3104,
0.3431

■ 59.3559, 0.3077,
0.3581

132.7461, 0.3090,
0.3511

■ 42.8996, 0.3070,
0.3616

166.4980, 0.3093,
0.3494

■ 29.8064, 0.3062,
0.3660

205.5349, 0.3095,
0.3480

■ 19.6917, 0.3051,
0.3718

250.2410, 0.3097,
0.3468

■ 12.1711, 0.3035,
0.3797

301.0009, 0.3099,
0.3457

■ 6.8603, 0.3011,
0.3912

358.1989, 0.3101,

■ 3.3749, 0.2971,

0.3447

0.4095

422.2194, 0.3102,
0.3439

■ 1.3305, 0.2902,
0.4441

■ 0.1646, 0.0000,
1.0000

■ 79.5594, 0.3082,
0.3553

■ 79.5594, 0.3082,
0.3553

■ 75.3998, 0.3045,
0.3800

■ 84.3660, 0.3119,
0.3334

■ 71.8499, 0.3009,
0.4074

■ 89.5262, 0.3145,
0.3142

■ 68.8838, 0.2976,
0.4371

■ 89.6283, 0.3135,
0.3127

■ 66.4699, 0.2950,
0.4681

■ 64.5735, 0.2932,
0.4992

■ 63.1561, 0.2924,
0.5286

■ 62.1735, 0.2929,
0.5543

■ 61.5730, 0.2945,
0.5746

■ 61.3087, 0.2962,
0.5862

Harmonies

Analogous

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



79.5594, 0.3272, 0.3624



79.5594, 0.3082, 0.3553



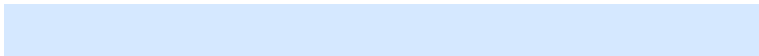
79.5594, 0.2908, 0.3405

Triad

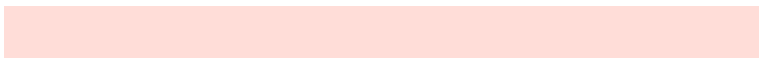
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5594, 0.3082, 0.3553



79.5594, 0.2831, 0.2986



79.5594, 0.3473, 0.3336

Complementary

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



79.5594, 0.3082, 0.3553



69.6716, 0.3176, 0.3040

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.



79.5594, 0.3347, 0.3176



79.5594, 0.3082, 0.3553



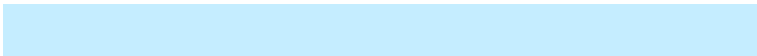
79.5594, 0.2975, 0.2977

Square

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



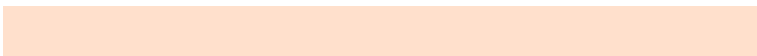
79.5594, 0.3082, 0.3553



79.5594, 0.2766, 0.3075



79.5594, 0.3164, 0.3046



79.5594, 0.3502, 0.3491

Rectangle

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



79.5594, 0.3082, 0.3553



79.5594, 0.2823, 0.3287



79.5594, 0.3164, 0.3046



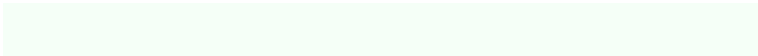
79.5594, 0.3440, 0.3281

Sweetspot

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



79.5628, 0.3082, 0.3553



97.5848, 0.3112, 0.3372



83.1049, 0.3276, 0.3594



20.7929, 0.3110, 0.3388



0.0000, 0.0000, 0.0000



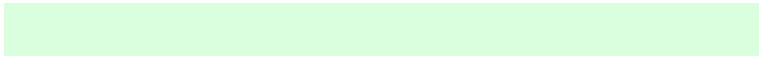
21.4041, 0.3127, 0.3290

Same Dimension

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



79.5628, 0.3082, 0.3553



91.5799, 0.3071, 0.3621



80.3270, 0.2997, 0.3394



17.7009, 0.3092, 0.3491



34.2175, 0.2956, 0.5843



2.8593, 0.2896, 0.5625

Inverse Universe

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



69.6716, 0.3176, 0.3040



77.5592, 0.3189, 0.2980



68.8861, 0.3277, 0.3188



15.9819, 0.3164, 0.3097



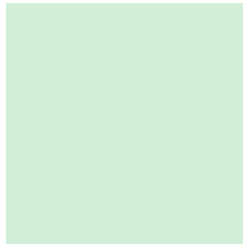
12.4057, 0.3700, 0.1812



1.0442, 0.3624, 0.1770

Previews

White Background



This preview shows how the Yxy color 79.5594, 0.3082, 0.3553 looks on a white background.

Color Contrast Check

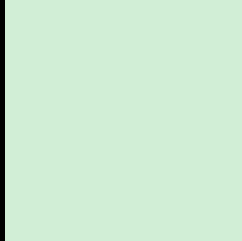
Large Text (above 18pt) WCAG AA × Fail

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 79.5594, 0.3082, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

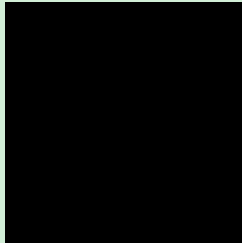
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

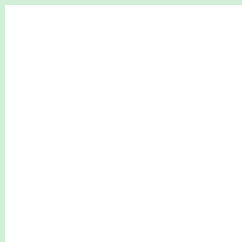
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5594, 0.3082, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 79.5594, 0.3082, 0.3553.

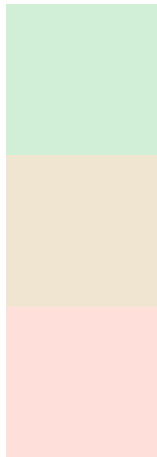


This preview shows how white text looks on a background with the Yxy color 79.5594, 0.3082, 0.3553.

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

79.5594, 0.3082, 0.3553

Protanopia

78.9928, 0.3328, 0.3499

Deuteranopia

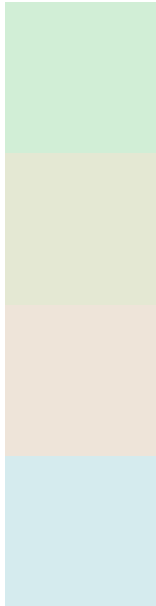
79.0973, 0.3391, 0.3341



Tritanopia

79.6899, 0.2902, 0.3101

Trichromacy



Original Color

79.5594, 0.3082, 0.3553

Protanomaly

78.9104, 0.3234, 0.3514

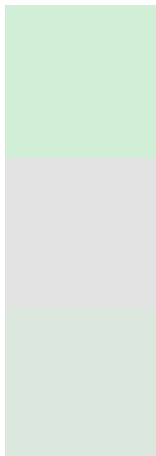
Deuteranomaly

78.6737, 0.3269, 0.3405

Tritanomaly

79.7358, 0.2965, 0.3258

Monochromacy



Original Color

79.5594, 0.3082, 0.3553

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.6414, 0.3109, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5594, 0.3082, 0.3553 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(209, 238, 214)` looks like.

```
.text, #text, p{  
    color:rgb(209, 238, 214)  
}
```

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(209, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 238, 214) }
```

Border

The CSS property to change the border of an element to Yxy 79.5594, 0.3082, 0.3553 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(209, 238, 214) }
```

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

```
.border{ border-color:rgb(209, 238, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 238, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 238,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5594, 0.3082, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 238, 214) }
```

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

```
.background{ background-color: rgb(209,  
238, 214) }
```

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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