

Converting Colors

$Yxy(78.6515, 0.3054, 0.3604)$

Have a look what the booklet for
Yxy(78.6515, 0.3054, 0.3604)
contains.

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Color

Yxy(78.8037, 0.3054, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	C9EFD2
RGB	201, 239, 210
RGB Percent	79%, 94%, 82%
CMY	0.2116, 0.0628, 0.1766
CMYK	0.16, 0.00, 0.12, 0.06
HSL	134°, 54%, 86%
HSV	134°, 16%, 94%
XYZ	66.5928, 78.8037, 72.6547
YIQ	224.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

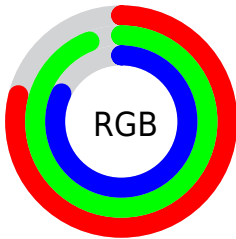
Format	Color
R _Y B	201, 232, 239
Decimal	13234130
CIE Lab	91.15, -17.75, 9.96
CIE LCh	91, 20.354, 150.689
Yxy	78.8037, 0.3054, 0.3614
Android (android.graphics.Color)	4291424210 (0xFFC9EFD2)
YUV	224.3320, -7.0657, -20.4622
Hunter-Lab	88.7714, -21.4464, 13.6143

Details

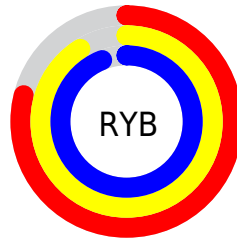
The Yxy color **78.8037, 0.3054, 0.3614** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.8623, 0.3210, 0.2986**, and the grayscale version is **74.8559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4703, 0.3034, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **74.8879, 0.3009, 0.3851**, and if you desaturate by 10%, it is **83.3456, 0.3100, 0.3403**.

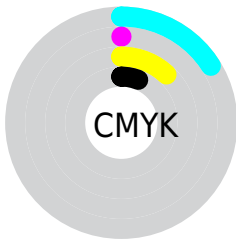
Distribution



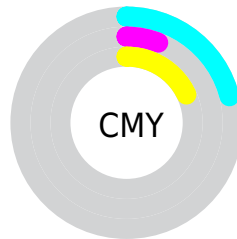
- Red (79%)
- Green (94%)
- Blue (82%)



- Red (79%)
- Yellow (91%)
- Blue (94%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)




- Cyan (21%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8037, 0.3054, 0.3614 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 78.8037, 0.3054, 0.3614 by changing the saturation by 10% instead.

 78.8037, 0.3054,
0.3614

 78.8037, 0.3054,
0.3614


490.8920, 0.3089,
0.3463

 58.7344, 0.3046,
0.3649

131.6825, 0.3066,
0.3561

 42.3994, 0.3035,
0.3692


165.2608, 0.3071,
0.3541

 29.4141, 0.3022,
0.3748


204.1108, 0.3075,
0.3523

 19.3943, 0.3004,
0.3821

248.6171, 0.3079,
0.3508

 11.9556, 0.2978,
0.3921

299.1640, 0.3082,
0.3494

 6.7134, 0.2940,
0.4068

356.1358, 0.3085,

 3.2835, 0.2875,

0.3483

0.4303

419.9170, 0.3087,
0.3472

■ 1.2815, 0.2772,
0.4804

■ 0.1268, 0.0000,
1.0000

■ 78.8037, 0.3054,
0.3614

■ 78.8037, 0.3054,
0.3614

■ 74.8879, 0.3009,
0.3851

■ 83.3456, 0.3100,
0.3403

■ 71.5610, 0.2967,
0.4112

■ 88.5291, 0.3146,
0.3216

■ 68.7969, 0.2930,
0.4392

■ 90.2113, 0.3134,
0.3136

■ 66.5639, 0.2903,
0.4684

■ 64.8268, 0.2887,
0.4976

■ 63.5463, 0.2884,
0.5251

■ 62.6767, 0.2897,
0.5495

■ 62.1622, 0.2922,
0.5693

■ 62.0189, 0.2933,
0.5760

Harmonies

Analogous

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



78.8037, 0.3294, 0.3710



78.8037, 0.3054, 0.3614



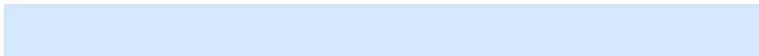
78.8037, 0.2840, 0.3421

Triad

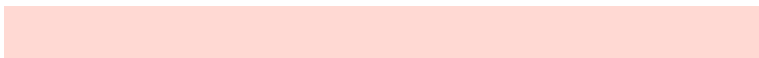
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8037, 0.3054, 0.3614



78.8037, 0.2766, 0.2905



78.8037, 0.3569, 0.3358

Complementary

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



78.8037, 0.3054, 0.3614



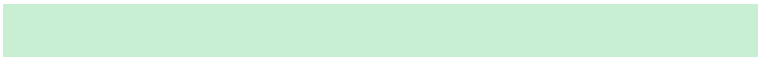
65.8623, 0.3210, 0.2986

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.



78.8037, 0.3416, 0.3158



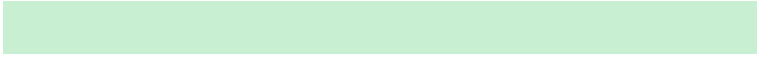
78.8037, 0.3054, 0.3614



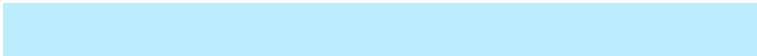
78.8037, 0.2950, 0.2903

Square

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



78.8037, 0.3054, 0.3614



78.8037, 0.2678, 0.3008



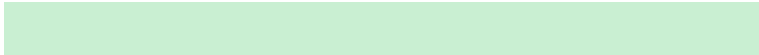
78.8037, 0.3188, 0.2995



78.8037, 0.3597, 0.3549

Rectangle

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



78.8037, 0.3054, 0.3614



78.8037, 0.2739, 0.3269



78.8037, 0.3188, 0.2995



78.8037, 0.3530, 0.3290

Sweetspot

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



78.8070, 0.3054, 0.3614



97.0493, 0.3104, 0.3386



82.7970, 0.3304, 0.3692



20.6870, 0.3101, 0.3399



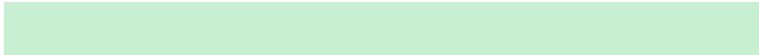
0.0000, 0.0000, 0.0000



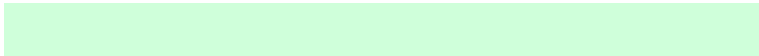
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8070, 0.3054, 0.3614



89.7798, 0.3039, 0.3687



79.8055, 0.2944, 0.3400



17.7173, 0.3084, 0.3476



34.2908, 0.2927, 0.5735



2.8676, 0.2859, 0.5491

Inverse Universe

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



65.8623, 0.3210, 0.2986



72.1755, 0.3229, 0.2923



64.8566, 0.3350, 0.3183



15.9641, 0.3174, 0.3111



12.0467, 0.3910, 0.1928



1.0174, 0.3798, 0.1866

Previews

White Background



This preview shows how the Yxy color 78.8037, 0.3054, 0.3614 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 78.8037, 0.3054, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

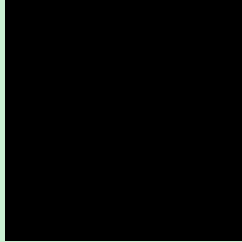
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

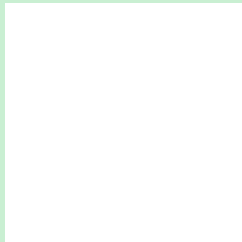
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8037, 0.3054, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 78.8037, 0.3054, 0.3614.

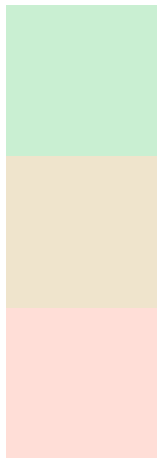


This preview shows how white text looks on a background with the Yxy color 78.8037, 0.3054, 0.3614.

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

78.8037, 0.3054, 0.3614

Protanopia

78.1972, 0.3363, 0.3542

Deuteranopia

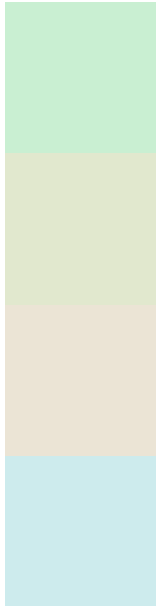
78.4088, 0.3414, 0.3361



Tritanopia

78.7160, 0.2853, 0.3088

Trichromacy



Original Color

78.8037, 0.3054, 0.3614

Protanomaly

78.1770, 0.3245, 0.3570

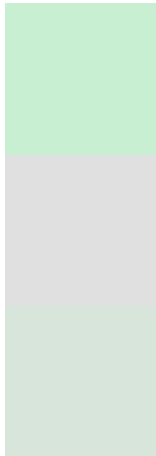
Deuteranomaly

77.9531, 0.3274, 0.3448

Tritanomaly

78.5102, 0.2921, 0.3268

Monochromacy



Original Color

78.8037, 0.3054, 0.3614

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.7520, 0.3102, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8037, 0.3054, 0.3614 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(201, 239, 210)` looks like.

```
.text, #text, p{  
    color:rgb(201, 239, 210)  
}
```

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(201, 239, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 239, 210) }
```

Border

The CSS property to change the border of an element to Yxy 78.8037, 0.3054, 0.3614 is called "border". The border property can be set on classes, ids or directly on the HTML element.

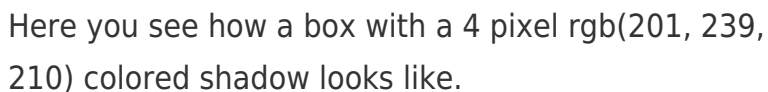
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 239, 210) }
```

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

```
.border{ border-color:rgb(201, 239, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 239, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 239, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 239, 210); box-shadow:4px 4px 4px 4px rgb(201, 239, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8037, 0.3054, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 239, 210) }
```

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

```
.background{ background-color: rgb(201,  
239, 210) }
```

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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