

Converting Colors

Yxy(82.4927, 0.3007, 0.3536)

Have a look what the booklet for
Yxy(82.4927, 0.3007, 0.3536)
contains.

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Color

Yxy(82.7592, 0.3008, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	CCF4DD
RGB	204, 244, 221
RGB Percent	80%, 96%, 87%
CMY	0.2000, 0.0431, 0.1334
CMYK	0.16, 0.00, 0.09, 0.04
HSL	145°, 65%, 88%
HSV	145°, 16%, 96%
XYZ	70.3021, 82.7592, 80.6557
YIQ	229.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

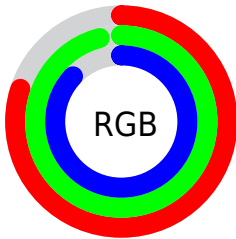
Format	Color
R_{YB}	204, 232, 244
Decimal	13432029
CIE _{Lab}	92.91, -17.25, 6.81
CIE _{LCh}	93, 18.549, 158.456
Yxy	82.7592, 0.3008, 0.3541
Android (android.graphics.Color)	4291622109 (0xFFCCCF4DD)
YUV	229.4180, -4.1501, -22.2916
Hunter-Lab	90.9721, -21.2586, 11.1140

Details

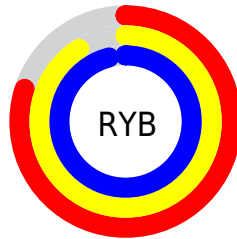
The Yxy color **82.7592, 0.3008, 0.3541** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.9724, 0.3267, 0.3052**, and the grayscale version is **78.7205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1092, 0.2976, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **78.8626, 0.2939, 0.3718**, and if you desaturate by 10%, it is **87.2656, 0.3080, 0.3382**.

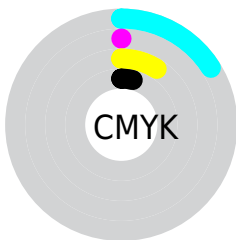
Distribution



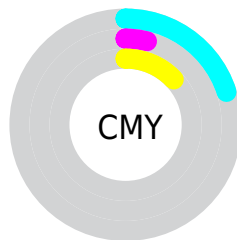
- Red (80%)
- Green (96%)
- Blue (87%)



- Red (80%)
- Yellow (91%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (20%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.7592, 0.3008, 0.3541 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 82.7592, 0.3008, 0.3541 by changing the saturation by 10% instead.

 82.7592, 0.3008,
0.3541

 82.7592, 0.3008,
0.3541


504.1836, 0.3063,
0.3425

 61.9915, 0.2995,
0.3567


137.2382, 0.3027,
0.3501

 45.0258, 0.2980,
0.3600


171.7182, 0.3034,
0.3485

 31.4778, 0.2960,
0.3641

211.5379, 0.3041,
0.3472

 20.9629, 0.2935,
0.3695

257.0815, 0.3046,
0.3460

 13.0969, 0.2900,
0.3768

308.7335, 0.3051,
0.3450

 7.4953, 0.2850,
0.3874

366.8782, 0.3056,

 3.7738, 0.2772,

0.3441

0.4039

431.9002, 0.3060,
0.3433

■ 1.5478, 0.2633,
0.4332

■ 0.3220, 0.0000,
1.0000

■ 82.7592, 0.3008,
0.3541

■ 82.7592, 0.3008,
0.3541

■ 78.8626, 0.2939,
0.3718

■ 87.2656, 0.3080,
0.3382

■ 75.5387, 0.2875,
0.3912


■ 92.3963, 0.3154,
0.3241


■ 72.7623, 0.2821,
0.4122

■ 93.1850, 0.3132,
0.3185

■ 70.5024, 0.2779,
0.4343

 68.7243, 0.2753,
0.4571

 67.3894, 0.2745,
0.4797

 66.4522, 0.2757,
0.5015

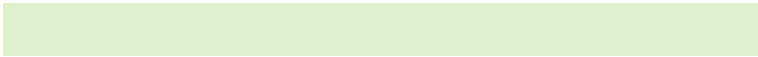
 65.8566, 0.2788,
0.5216

 65.6943, 0.2801,
0.5284

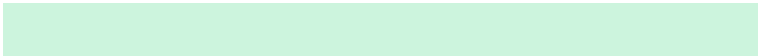
Harmonies

Analogous

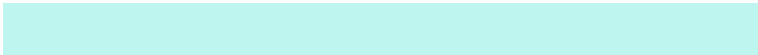
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7592, 0.3223, 0.3653



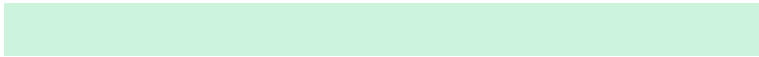
82.7592, 0.3008, 0.3541



82.7592, 0.2830, 0.3355

Triad

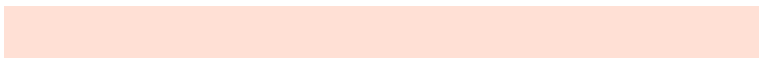
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7592, 0.3008, 0.3541



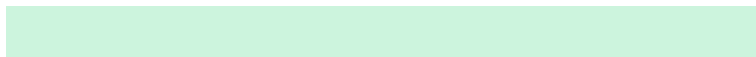
82.7592, 0.2838, 0.2935



82.7592, 0.3540, 0.3399

Complementary

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



82.7592, 0.3008, 0.3541



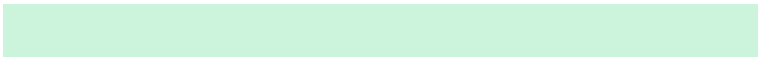
67.9724, 0.3267, 0.3052

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.



82.7592, 0.3430, 0.3217



82.7592, 0.3008, 0.3541



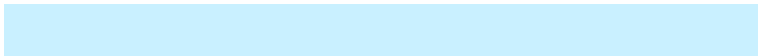
82.7592, 0.3021, 0.2955

Square

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



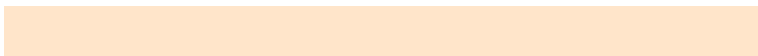
82.7592, 0.3008, 0.3541



82.7592, 0.2734, 0.3006



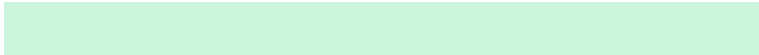
82.7592, 0.3238, 0.3057



82.7592, 0.3535, 0.3561

Rectangle

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



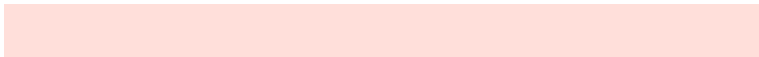
82.7592, 0.3008, 0.3541



82.7592, 0.2753, 0.3221



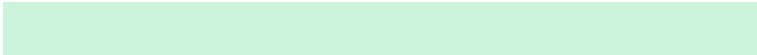
82.7592, 0.3238, 0.3057



82.7592, 0.3516, 0.3339

Sweetspot

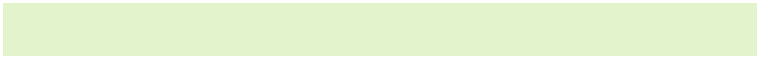
The Sweet Spot groups the original color and five complimentary colors.



82.7627, 0.3008, 0.3541



97.1976, 0.3090, 0.3362



85.4514, 0.3260, 0.3713



20.7230, 0.3085, 0.3372



0.0000, 0.0000, 0.0000



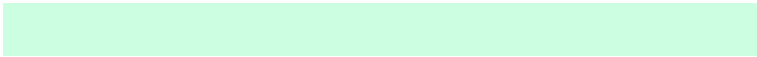
21.4041, 0.3127, 0.3290

Same Dimension

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



82.7627, 0.3008, 0.3541



89.8282, 0.2982, 0.3604



83.8750, 0.2897, 0.3325



18.5887, 0.3058, 0.3429



35.7449, 0.2793, 0.5254



3.1617, 0.2724, 0.5007

Inverse Universe

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



67.9724, 0.3267, 0.3052



70.3500, 0.3305, 0.2996



66.9458, 0.3414, 0.3256



16.6425, 0.3203, 0.3155



11.5235, 0.4641, 0.2330



1.0333, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 82.7592, 0.3008, 0.3541 looks on a white background.

Color Contrast Check

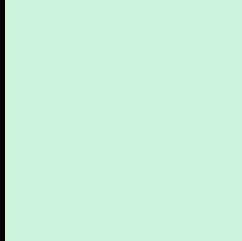
Large Text (above 18pt) WCAG AA × Fail

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 82.7592, 0.3008, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

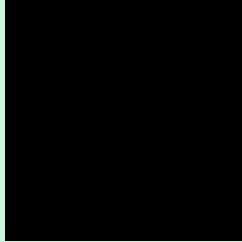
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

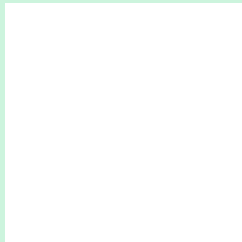
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7592, 0.3008, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 82.7592, 0.3008, 0.3541.

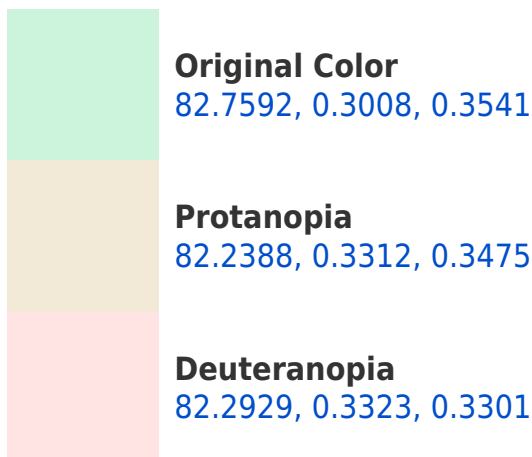


This preview shows how white text looks on a background with the Yxy color 82.7592, 0.3008, 0.3541.

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

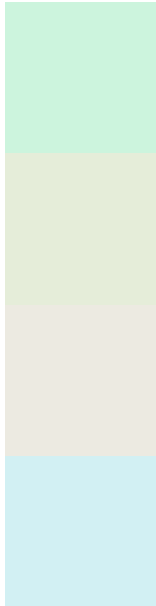




Tritanopia

82.5152, 0.2869, 0.3113

Trichromacy



Original Color

82.7592, 0.3008, 0.3541

Protanomaly

82.2361, 0.3198, 0.3501

Deuteranomaly

82.1147, 0.3197, 0.3383

Tritanomaly

82.4929, 0.2919, 0.3258

Monochromacy



Original Color

82.7592, 0.3008, 0.3541

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.5523, 0.3083, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7592, 0.3008, 0.3541 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(204, 244, 221)` looks like.

```
.text, #text, p{  
    color:rgb(204, 244, 221)  
}
```

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(204, 244, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 244, 221) }
```

Border

The CSS property to change the border of an element to Yxy 82.7592, 0.3008, 0.3541 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(204, 244, 221) }
```

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

```
.border{ border-color:rgb(204, 244, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 244, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 244, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 244, 221);  
box-shadow:4px 4px 4px 4px rgb(204, 244,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7592, 0.3008, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 244, 221) }
```

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

```
.background{ background-color: rgb(204,  
244, 221) }
```

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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