

Converting Colors

$Yxy(90.2764, 0.2998, 0.3598)$

Have a look what the booklet for
Yxy(90.2764, 0.2998, 0.3598)
contains.

Yxy(90.2764, 0.2998, 0.3598)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.2764, 0.2998, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFE2
RGB	207, 255, 226
RGB Percent	81%, 100%, 89%
CMY	0.1882, 0.0000, 0.1137
CMYK	0.19, 0.00, 0.11, 0.00
HSL	144°, 100%, 91%
HSV	144°, 19%, 100%
XYZ	75.2220, 90.2764, 85.4088
YIQ	237.3420, -19.2990, -19.1950

Conversions

Conversions Part 2

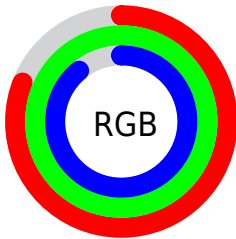
Format	Color
R_{YB}	207, 241, 255
Decimal	13631458
CIE _{Lab}	96.11, -20.75, 8.85
CIE _{LCh}	96, 22.552, 156.906
Yxy	90.2764, 0.2998, 0.3598
Android (android.graphics.Color)	4291821538 (0xFFCFFFE2)
YUV	237.3420, -5.5916, -26.6099
Hunter-Lab	95.0139, -24.9569, 13.2134

Details

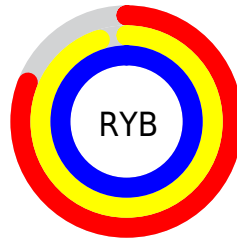
The Yxy color **90.2764, 0.2998, 0.3598** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.9504, 0.3282, 0.3001**, and the grayscale version is **85.0232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0038, 0.2966, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **86.0886, 0.2933, 0.3789**, and if you desaturate by 10%, it is **95.1376, 0.3066, 0.3426**.

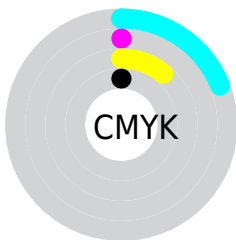
Distribution



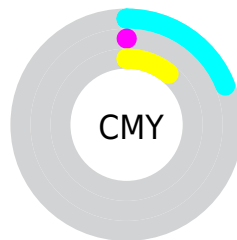
- Red (81%)
- Green (100%)
- Blue (89%)



- Red (81%)
- Yellow (95%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2764, 0.2998, 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 90.2764, 0.2998, 0.3598 by changing the saturation by 10% instead.


 90.2764, 0.2998,
0.3598

 90.2764, 0.2998,
0.3598


528.9296, 0.3057,
0.3458

 68.2099, 0.2985,
0.3630


147.7223, 0.3018,
0.3550

 50.0685, 0.2968,
0.3668


183.8704, 0.3026,
0.3531

 35.4679, 0.2948,
0.3717


225.4813, 0.3033,
0.3514

 24.0235, 0.2921,
0.3781

272.9392, 0.3039,
0.3500

 15.3510, 0.2885,
0.3866

326.6286, 0.3045,
0.3488

 9.0661, 0.2833,
0.3986

386.9339, 0.3049,

 4.7843, 0.2754,

0.3476

0.4171

454.2394, 0.3053,
0.3467

■ 2.1213, 0.2619,
0.4485

■ 0.6766, 0.1467,
0.7264

■ 90.2764, 0.2998,
0.3598

■ 90.2764, 0.2998,
0.3598

■ 86.0886, 0.2933,
0.3789

■ 95.1376, 0.3066,
0.3426

■ 82.5374, 0.2875,
0.3999

100.0000, 0.3127,
0.3290

■ 79.5922, 0.2826,
0.4223

■ 77.2171, 0.2790,
0.4459

■ 75.3723, 0.2770,
0.4698

■ 74.0126, 0.2769,
0.4933

■ 73.0848, 0.2787,
0.5154

■ 72.5127, 0.2822,
0.5352

■ 72.4571, 0.2826,
0.5374

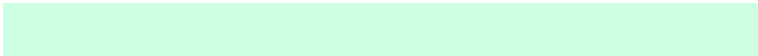
Harmonies

Analogous

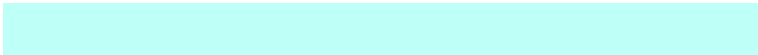
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2764, 0.3251, 0.3725



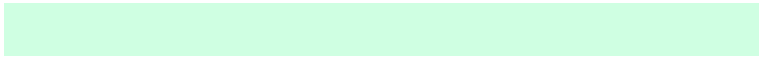
90.2764, 0.2998, 0.3598



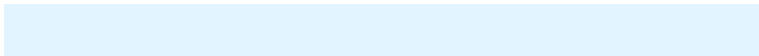
90.2764, 0.2785, 0.3379

Triad

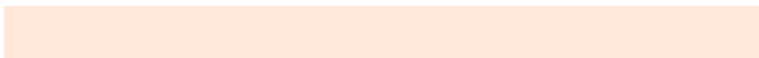
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2764, 0.2998, 0.3598



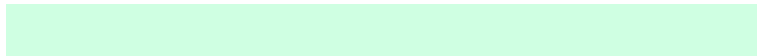
90.2764, 0.2778, 0.2874



90.2764, 0.3613, 0.3405

Complementary

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



90.2764, 0.2998, 0.3598



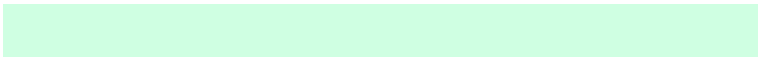
71.9504, 0.3282, 0.3001

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.



90.2764, 0.3476, 0.3192



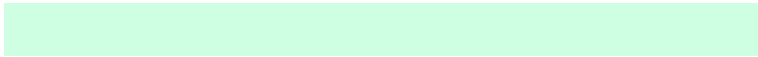
90.2764, 0.2998, 0.3598



90.2764, 0.2988, 0.2894

Square

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



90.2764, 0.2998, 0.3598



90.2764, 0.2662, 0.2961



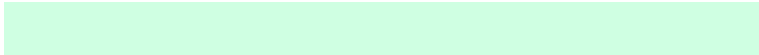
90.2764, 0.3244, 0.3009



90.2764, 0.3613, 0.3599

Rectangle

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



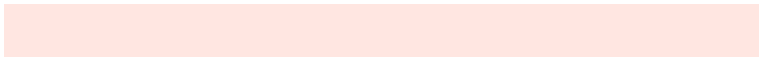
90.2764, 0.2998, 0.3598



90.2764, 0.2693, 0.3218



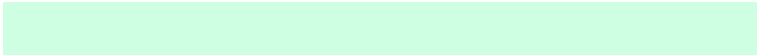
90.2764, 0.3244, 0.3009



90.2764, 0.3581, 0.3334

Sweetspot

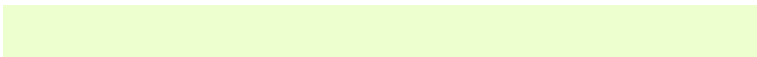
The Sweet Spot groups the original color and five complimentary colors.



90.2785, 0.2998, 0.3598



96.6314, 0.3086, 0.3381



93.9625, 0.3291, 0.3779



20.6079, 0.3081, 0.3391



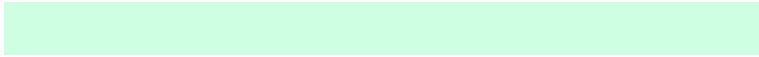
0.0000, 0.0000, 0.0000



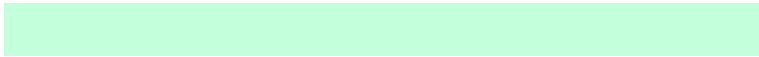
21.4041, 0.3127, 0.3290

Same Dimension

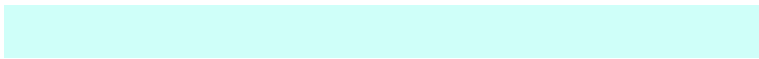
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2785, 0.2998, 0.3598



88.4463, 0.2970, 0.3676



91.6523, 0.2873, 0.3347



20.2872, 0.3061, 0.3437



37.8878, 0.2818, 0.5344



3.7098, 0.2755, 0.5117

Inverse Universe

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



71.9504, 0.3282, 0.3001



66.7127, 0.3324, 0.2934



70.6777, 0.3455, 0.3234



18.1715, 0.3199, 0.3147



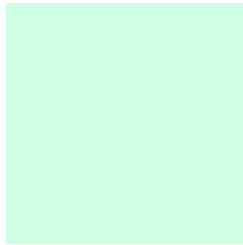
12.3603, 0.4526, 0.2267



1.2250, 0.4334, 0.2161

Previews

White Background



This preview shows how the Yxy color 90.2764, 0.2998, 0.3598 looks on a white background.

Color Contrast Check

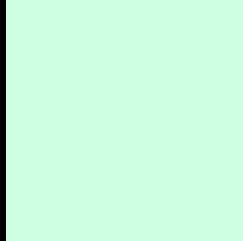
Large Text (above 18pt) WCAG AA × Fail

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 90.2764, 0.2998, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

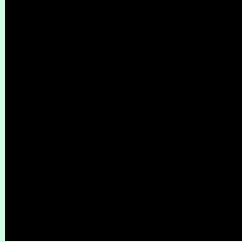
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

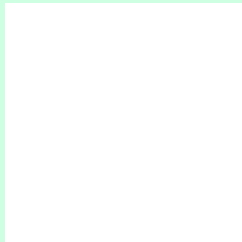
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2764, 0.2998, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 90.2764, 0.2998, 0.3598.

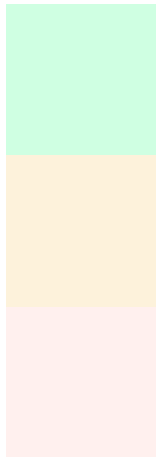


This preview shows how white text looks on a background with the Yxy color 90.2764, 0.2998, 0.3598.

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

90.2764, 0.2998, 0.3598

Protanopia

89.5014, 0.3344, 0.3519

Deuteranopia

89.7532, 0.3239, 0.3310



Tritanopia

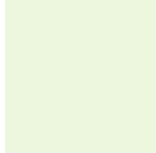
90.1205, 0.2981, 0.3200

Trichromacy



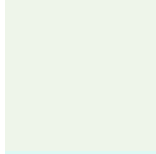
Original Color

90.2764, 0.2998, 0.3598



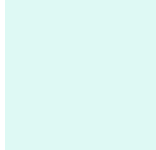
Protanomaly

89.6283, 0.3206, 0.3545



Deuteranomaly

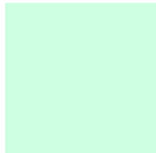
89.4225, 0.3148, 0.3401



Tritanomaly

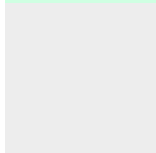
89.8126, 0.2988, 0.3341

Monochromacy



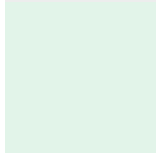
Original Color

90.2764, 0.2998, 0.3598



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.7533, 0.3077, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2764, 0.2998, 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(207, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 226)  
}
```

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(207, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 90.2764, 0.2998, 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(207, 255, 226) }
```

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

```
.border{ border-color:rgb(207, 255, 226) }
```

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

Here you see how a box with a 4 pixel rgb(207, 255, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2764, 0.2998, 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(207, 255, 226) }
```

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

```
.background{ background-color: rgb(207,  
255, 226) }
```

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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