

Converting Colors

$Yxy(92.1397, 0.2999, 0.3424)$

Have a look what the booklet for
Yxy(92.1397, 0.2999, 0.3424)
contains.

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Color

Yxy(91.7575, 0.2998, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	DCFDF0
RGB	220, 253, 240
RGB Percent	86%, 99%, 94%
CMY	0.1374, 0.0078, 0.0587
CMYK	0.13, 0.00, 0.05, 0.01
HSL	156°, 89%, 93%
HSV	156°, 13%, 99%
XYZ	80.3649, 91.7575, 95.9393
YIQ	241.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

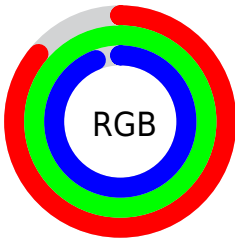
Format	Color
R _Y B	220, 241, 253
Decimal	14482928
CIE Lab	96.72, -13.06, 2.61
CIE LCh	97, 13.323, 168.709
Yxy	91.7575, 0.2998, 0.3423
Android (android.graphics.Color)	4292673008 (0xFFDCFD0)
YUV	241.6510, -0.8139, -18.9879
Hunter-Lab	95.7901, -17.8769, 7.6708

Details

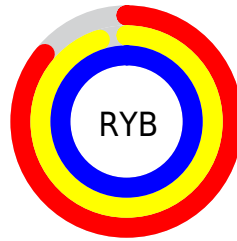
The Yxy color **91.7575, 0.2998, 0.3423** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.9340, 0.3277, 0.3161**, and the grayscale version is **88.5183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9399, 0.2973, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **87.5339, 0.2904, 0.3538**, and if you desaturate by 10%, it is **96.6185, 0.3097, 0.3319**.

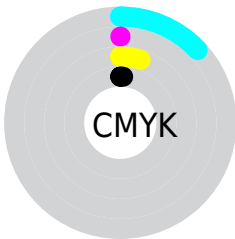
Distribution



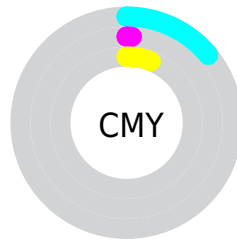
- Red (86%)
- Green (99%)
- Blue (94%)



- Red (86%)
- Yellow (95%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)





- Cyan (14%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7575, 0.2998, 0.3423 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 91.7575, 0.2998, 0.3423 by changing the saturation by 10% instead.


 91.7575, 0.2998,
0.3423

 91.7575, 0.2998,
0.3423

533.7315, 0.3056,
0.3363

 69.4392, 0.2985,
0.3436


149.7773, 0.3018,
0.3403

 51.0695, 0.2970,
0.3452


186.2475, 0.3025,
0.3395

 36.2639, 0.2951,
0.3472


228.2039, 0.3032,
0.3388

 24.6381, 0.2926,
0.3498

276.0308, 0.3038,
0.3382

 15.8076, 0.2894,
0.3532

330.1126, 0.3043,
0.3376

 9.3881, 0.2849,
0.3580

390.8338, 0.3048,

 4.9952, 0.2782,

0.3372

0.3650

458.5786, 0.3052,
0.3367

■ 2.2444, 0.2675,
0.3767

■ 0.7441, 0.2206,
0.4227

■ 91.7575, 0.2998,
0.3423

■ 91.7575, 0.2998,
0.3423

■ 87.5339, 0.2904,
0.3538

■ 96.6185, 0.3097,
0.3319

■ 83.9089, 0.2817,
0.3664

■ 98.7374, 0.3128,
0.3271

■ 80.8571, 0.2740,
0.3799

■ 78.3465, 0.2676,
0.3944

■ 76.3421, 0.2629,
0.4095

■ 74.8047, 0.2602,
0.4249

■ 73.6887, 0.2595,
0.4404

■ 72.9392, 0.2609,
0.4556

■ 72.5791, 0.2628,
0.4659

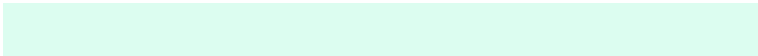
Harmonies

Analogous

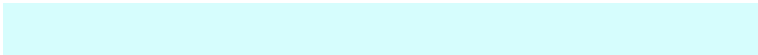
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7575, 0.3143, 0.3520



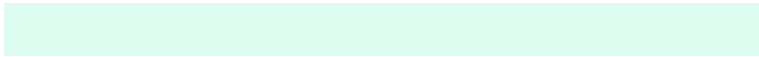
91.7575, 0.2998, 0.3423



91.7575, 0.2889, 0.3289

Triad

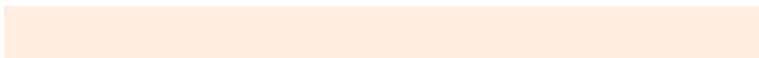
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7575, 0.2998, 0.3423



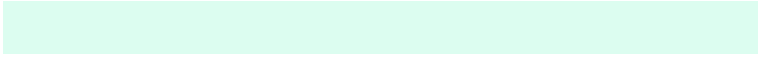
91.7575, 0.2965, 0.3039



91.7575, 0.3421, 0.3411

Complementary

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



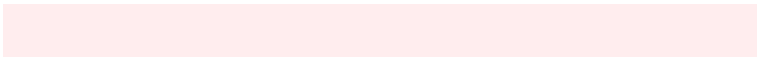
91.7575, 0.2998, 0.3423



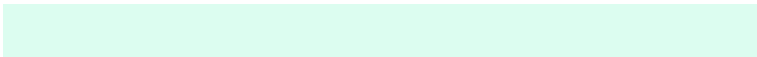
77.9340, 0.3277, 0.3161

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.



91.7575, 0.3371, 0.3284



91.7575, 0.2998, 0.3423



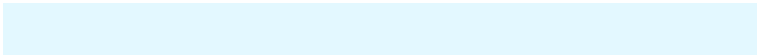
91.7575, 0.3105, 0.3073

Square

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



91.7575, 0.2998, 0.3423



91.7575, 0.2870, 0.3069



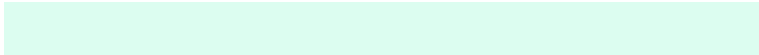
91.7575, 0.3254, 0.3162



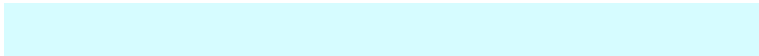
91.7575, 0.3390, 0.3509

Rectangle

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



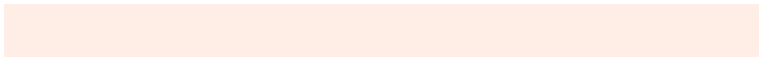
91.7575, 0.2998, 0.3423



91.7575, 0.2850, 0.3199



91.7575, 0.3254, 0.3162



91.7575, 0.3413, 0.3370

Sweetspot

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



91.7614, 0.2998, 0.3423



97.8612, 0.3087, 0.3329



92.7778, 0.3195, 0.3627



20.8628, 0.3080, 0.3336



0.0000, 0.0000, 0.0000



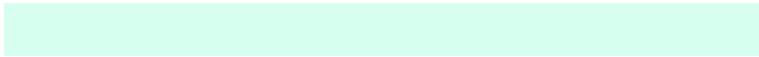
21.4041, 0.3127, 0.3290

Same Dimension

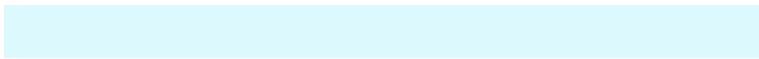
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7614, 0.2998, 0.3423



92.0770, 0.2970, 0.3456



90.4921, 0.2926, 0.3256



20.3535, 0.3033, 0.3385



38.6351, 0.2621, 0.4635



3.7833, 0.2573, 0.4464

Inverse Universe

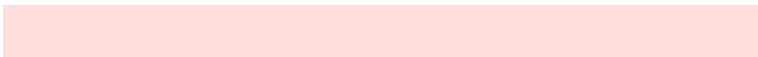
The Inverse Universe completely reimagines the original color for something new.



77.9340, 0.3277, 0.3161



75.1801, 0.3316, 0.3130



78.9710, 0.3363, 0.3324



18.1052, 0.3232, 0.3197



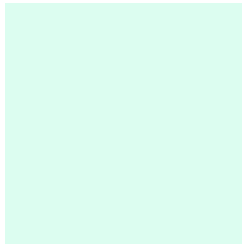
11.6182, 0.5414, 0.2756



1.1520, 0.5110, 0.2589

Previews

White Background



This preview shows how the Yxy color 91.7575, 0.2998, 0.3423 looks on a white background.

Color Contrast Check

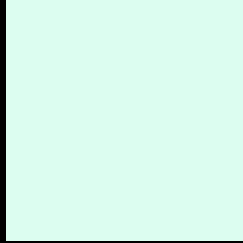
Large Text (above 18pt) WCAG AA × Fail

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 91.7575, 0.2998, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

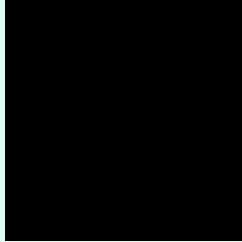
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

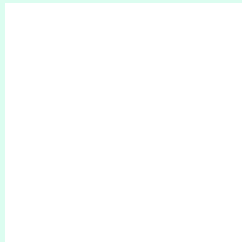
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7575, 0.2998, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 91.7575, 0.2998, 0.3423.

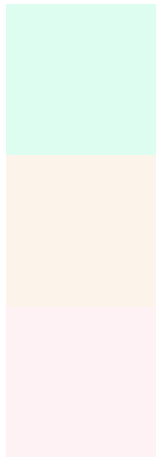


This preview shows how white text looks on a background with the Yxy color 91.7575, 0.2998, 0.3423.

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

91.7575, 0.2998, 0.3423

Protanopia

91.3950, 0.3234, 0.3379

Deuteranopia

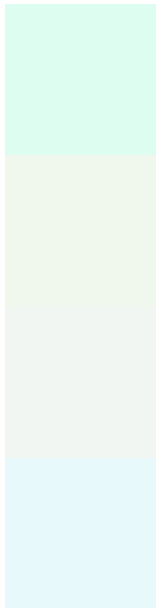
91.2959, 0.3200, 0.3271



Tritanopia

91.7461, 0.3018, 0.3211

Trichromacy



Original Color

91.7575, 0.2998, 0.3423

Protanomaly

91.1612, 0.3142, 0.3390

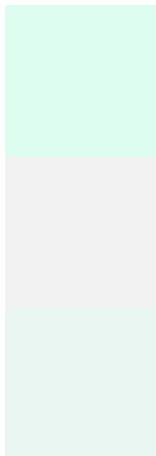
Deuteranomaly

91.2598, 0.3119, 0.3320

Tritanomaly

91.6424, 0.3009, 0.3280

Monochromacy



Original Color

91.7575, 0.2998, 0.3423

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.7548, 0.3080, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7575, 0.2998, 0.3423 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(220, 253, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 253, 240)  
}
```

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(220, 253, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 253, 240) }
```

Border

The CSS property to change the border of an element to Yxy 91.7575, 0.2998, 0.3423 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(220, 253, 240) }
```

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

```
.border{ border-color:rgb(220, 253, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 253, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 253, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 253, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 253,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7575, 0.2998, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 253, 240) }
```

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

```
.background{ background-color: rgb(220,  
253, 240) }
```

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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