

Converting Colors

$Yxy(90.1043, 0.2897, 0.3289)$

Have a look what the booklet for
Yxy(90.1043, 0.2897, 0.3289)
contains.

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Color

Yxy(90.1055, 0.2897, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	D5FBFB
RGB	213, 251, 251
RGB Percent	84%, 98%, 98%
CMY	0.1644, 0.0157, 0.0156
CMYK	0.15, 0.00, 0.00, 0.02
HSL	180°, 83%, 91%
HSV	180°, 15%, 98%
XYZ	79.3663, 90.1055, 104.4884
YIQ	239.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

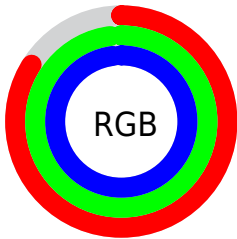
Format	Color
R _Y B	213, 232, 251
Decimal	14023675
CIE Lab	96.04, -12.10, -4.10
CIE LCh	96, 12.773, 198.717
Yxy	90.1055, 0.2897, 0.3289
Android (android.graphics.Color)	4292213755 (0xFFD5FBFB)
YUV	239.6380, 5.6015, -23.3615
Hunter-Lab	94.9239, -16.8723, 1.1827

Details

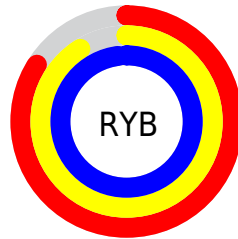
The Yxy color **90.1055, 0.2897, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9569, 0.3412, 0.3291**, and the grayscale version is **86.8201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7928, 0.2845, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **86.6281, 0.2757, 0.3288**, and if you desaturate by 10%, it is **94.1714, 0.3047, 0.3290**.

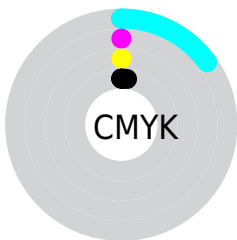
Distribution



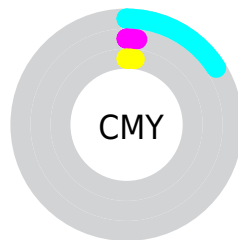
- Red (84%)
- Green (98%)
- Blue (98%)



- Red (84%)
- Yellow (91%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (16%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1055, 0.2897, 0.3289 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 90.1055, 0.2897, 0.3289 by changing the saturation by 10% instead.


 90.1055, 0.2897,
0.3289

 90.1055, 0.2897,
0.3289

528.3740, 0.2999,
0.3290

 68.0681, 0.2875,
0.3289

147.4849, 0.2932,
0.3290

 49.9532, 0.2848,
0.3288


183.5958, 0.2945,
0.3290

 35.3762, 0.2814,
0.3287


225.1666, 0.2957,
0.3290

 23.9528, 0.2772,
0.3285

272.5818, 0.2967,
0.3290

 15.2986, 0.2716,
0.3283

326.2257, 0.2977,
0.3290

 9.0292, 0.2639,
0.3279

386.4828, 0.2985,

 4.7603, 0.2527,

0.3290

453.7374, 0.2992,
0.3290

0.3271

2.1073, 0.2350,
0.3256

0.6687, 0.1681,
0.3303

90.1055, 0.2897,
0.3289

90.1055, 0.2897,
0.3289

86.6281, 0.2757,
0.3288

94.1714, 0.3047,
0.3290

83.7013, 0.2631,
0.3288


97.2369, 0.3152,
0.3290

81.3002, 0.2520,
0.3287

97.2488, 0.3152,
0.3290


79.3935, 0.2428,
0.3287


97.2608, 0.3152,
0.3291


 77.9466, 0.2355,
0.3286

 97.2727, 0.3152,
0.3291

 76.9204, 0.2302,
0.3286


 97.2846, 0.3152,
0.3291


 76.2694, 0.2268,
0.3285

 97.2966, 0.3152,
0.3291

 75.9376, 0.2250,
0.3285

 97.3085, 0.3152,
0.3291

 75.8517, 0.2246,
0.3285

 97.3205, 0.3152,
0.3291

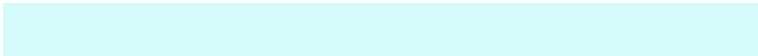
Harmonies

Analogous

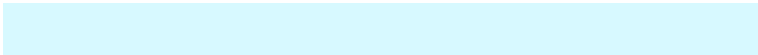
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1055, 0.3003, 0.3418



90.1055, 0.2897, 0.3289



90.1055, 0.2852, 0.3164

Triad

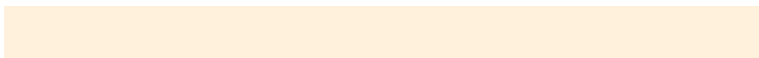
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1055, 0.2897, 0.3289



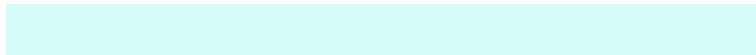
90.1055, 0.3106, 0.3081



90.1055, 0.3380, 0.3502

Complementary

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



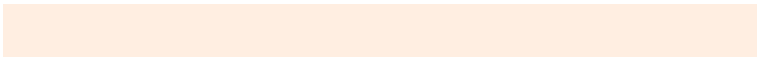
90.1055, 0.2897, 0.3289



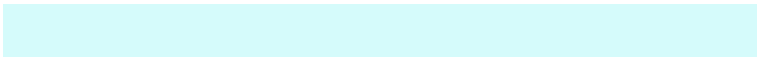
72.9569, 0.3412, 0.3291

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.



90.1055, 0.3410, 0.3407



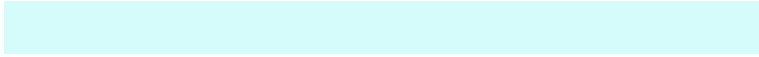
90.1055, 0.2897, 0.3289



90.1055, 0.3250, 0.3167

Square

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



90.1055, 0.2897, 0.3289



90.1055, 0.2971, 0.3048



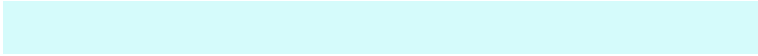
90.1055, 0.3362, 0.3284



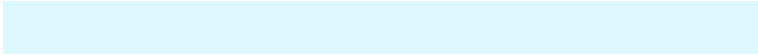
90.1055, 0.3282, 0.3542

Rectangle

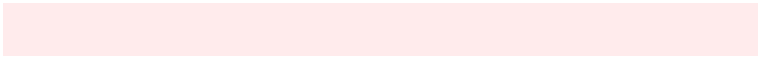
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



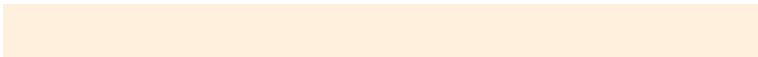
90.1055, 0.2897, 0.3289



90.1055, 0.2862, 0.3100



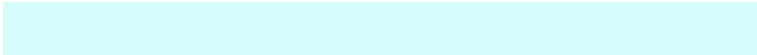
90.1055, 0.3362, 0.3284



90.1055, 0.3399, 0.3475

Sweetspot

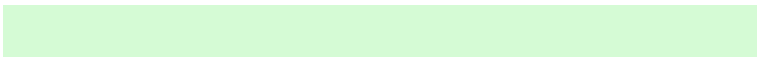
The Sweet Spot groups the original color and five complimentary colors.



90.1092, 0.2897, 0.3289



97.6553, 0.3049, 0.3290



87.9687, 0.3108, 0.3696



20.8344, 0.3038, 0.3290



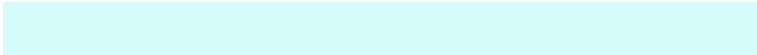
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

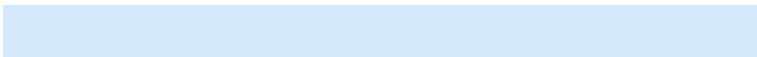
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1092, 0.2897, 0.3289



92.2876, 0.2855, 0.3289



78.8593, 0.2889, 0.3090



19.6062, 0.2980, 0.3289



39.8657, 0.2246, 0.3285



3.6930, 0.2246, 0.3285

Inverse Universe

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



75.0991, 0.3145, 0.2915



74.1278, 0.3148, 0.2842



83.0569, 0.3383, 0.3482



17.5244, 0.3138, 0.3057



14.4354, 0.3211, 0.1543



1.3370, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 90.1055, 0.2897, 0.3289 looks on a white background.

Color Contrast Check

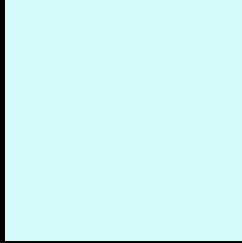
Large Text (above 18pt) WCAG AA × Fail

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 90.1055, 0.2897, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

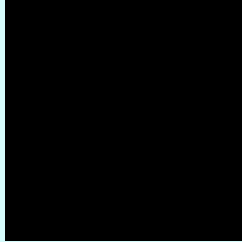
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

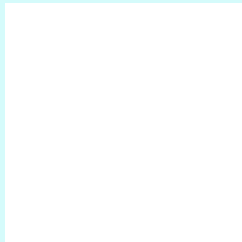
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1055, 0.2897, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 90.1055, 0.2897, 0.3289.

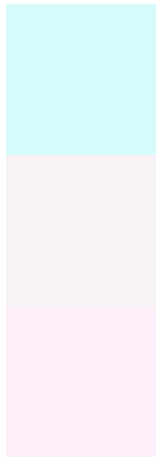


This preview shows how white text looks on a background with the Yxy color 90.1055, 0.2897, 0.3289.

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

90.1055, 0.2897, 0.3289

Protanopia

89.9322, 0.3136, 0.3251

Deuteranopia

89.8951, 0.3165, 0.3184



Tritanopia

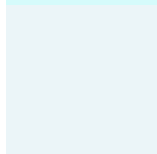
90.1205, 0.2981, 0.3200

Trichromacy



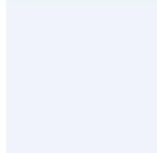
Original Color

90.1055, 0.2897, 0.3289



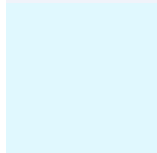
Protanomaly

89.7443, 0.3046, 0.3260



Deuteranomaly

89.5286, 0.3066, 0.3220



Tritanomaly

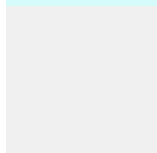
90.1379, 0.2944, 0.3229

Monochromacy



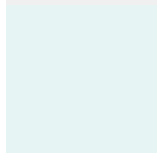
Original Color

90.1055, 0.2897, 0.3289



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.0560, 0.3038, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1055, 0.2897, 0.3289 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(213, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 251, 251)  
}
```

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(213, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 251, 251) }
```

Border

The CSS property to change the border of an element to Yxy 90.1055, 0.2897, 0.3289 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(213, 251, 251) }
```

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

```
.border{ border-color:rgb(213, 251, 251) }
```

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

Here you see how a box with a 4 pixel rgb(213, 251, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 251,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1055, 0.2897, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 251, 251) }
```

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

```
.background{ background-color: rgb(213,  
251, 251) }
```

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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