

Converting Colors

$Yxy(88.7348, 0.2944, 0.3284)$

Have a look what the booklet for
Yxy(88.7348, 0.2944, 0.3284)
contains.

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Color

Yxy(88.9722, 0.2948, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	DBF8F8
RGB	219, 248, 248
RGB Percent	86%, 97%, 97%
CMY	0.1408, 0.0275, 0.0274
CMYK	0.12, 0.00, 0.00, 0.03
HSL	180°, 67%, 92%
HSV	180°, 12%, 97%
XYZ	79.7477, 88.9722, 101.7946
YIQ	239.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

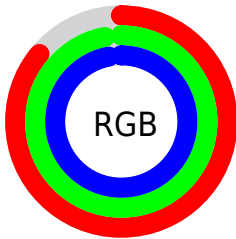
Format	Color
R _Y B	219, 234, 248
Decimal	14416120
CIE Lab	95.57, -9.31, -3.20
CIE LCh	96, 9.847, 198.978
Yxy	88.9722, 0.2948, 0.3289
Android (android.graphics.Color)	4292606200 (0xFFDBF8F8)
YUV	239.3290, 4.2748, -17.8285
Hunter-Lab	94.3251, -14.1551, 2.0424

Details

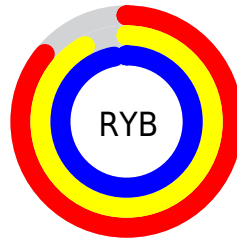
The Yxy color **88.9722, 0.2948, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8159, 0.3338, 0.3291**, and the grayscale version is **86.5773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3976, 0.2908, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **85.3862, 0.2804, 0.3288**, and if you desaturate by 10%, it is **93.1388, 0.3101, 0.3290**.

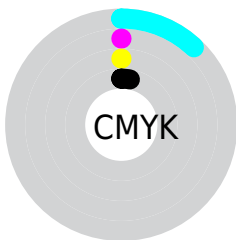
Distribution



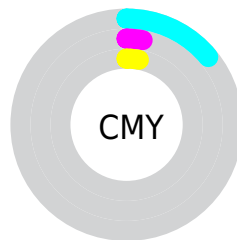
- Red (86%)
- Green (97%)
- Blue (97%)



- Red (86%)
- Yellow (92%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9722, 0.2948, 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 88.9722, 0.2948, 0.3289 by changing the saturation by 10% instead.


 88.9722, 0.2948,
0.3289

 88.9722, 0.2948,
0.3289

524.6818, 0.3028,
0.3290

 67.1285, 0.2931,
0.3289

145.9099, 0.2975,
0.3289

 49.1891, 0.2909,
0.3288


181.7727, 0.2986,
0.3290

 34.7695, 0.2883,
0.3287


223.0774, 0.2995,
0.3290

 23.4854, 0.2849,
0.3286

270.2082, 0.3003,
0.3290

 14.9523, 0.2805,
0.3285

323.5497, 0.3010,
0.3290

 8.7859, 0.2744,
0.3282

383.4862, 0.3017,

 4.6018, 0.2654,

0.3290

450.4021, 0.3022,
0.3290

0.3277

2.0156, 0.2510,
0.3267

0.6165, 0.1918,
0.3296

88.9722, 0.2948,
0.3289

88.9722, 0.2948,
0.3289

85.3862, 0.2804,
0.3288

93.1388, 0.3101,
0.3290

82.3445, 0.2673,
0.3287

95.2070, 0.3172,
0.3290


79.8236, 0.2557,
0.3287

95.2299, 0.3172,
0.3291


77.7941, 0.2458,
0.3286


95.2529, 0.3172,
0.3291


 76.2236, 0.2378,
0.3285

 95.2759, 0.3172,
0.3292


 75.0758, 0.2318,
0.3284

 95.2989, 0.3172,
0.3292


 74.3091, 0.2277,
0.3284

 95.3219, 0.3172,
0.3292

 73.8733, 0.2254,
0.3283

 95.3449, 0.3172,
0.3293

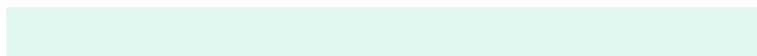
 73.6982, 0.2245,
0.3283

 95.3679, 0.3172,
0.3293

Harmonies

Analogous

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



88.9722, 0.3030, 0.3388



88.9722, 0.2948, 0.3289



88.9722, 0.2913, 0.3192

Triad

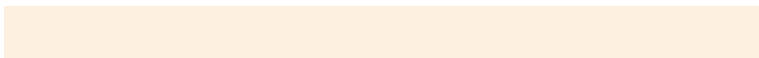
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9722, 0.2948, 0.3289



88.9722, 0.3112, 0.3127



88.9722, 0.3322, 0.3455

Complementary

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



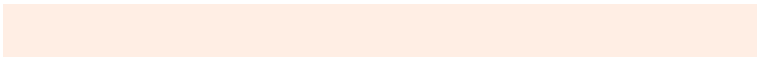
88.9722, 0.2948, 0.3289



75.8159, 0.3338, 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.



88.9722, 0.3346, 0.3382



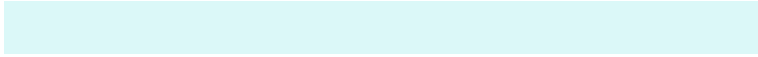
88.9722, 0.2948, 0.3289



88.9722, 0.3223, 0.3195

Square

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



88.9722, 0.2948, 0.3289



88.9722, 0.3007, 0.3101



88.9722, 0.3309, 0.3287



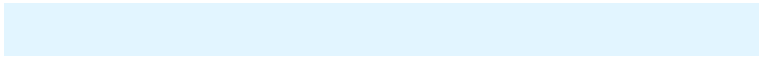
88.9722, 0.3246, 0.3485

Rectangle

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



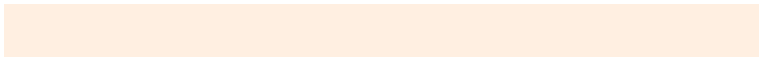
88.9722, 0.2948, 0.3289



88.9722, 0.2922, 0.3143



88.9722, 0.3309, 0.3287



88.9722, 0.3337, 0.3434

Sweetspot

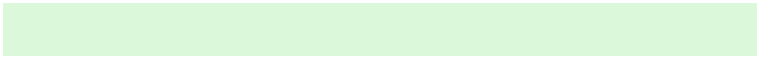
The Sweet Spot groups the original color and five complimentary colors.



88.9759, 0.2948, 0.3289



98.5705, 0.3080, 0.3290



87.3435, 0.3113, 0.3596



21.0184, 0.3068, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

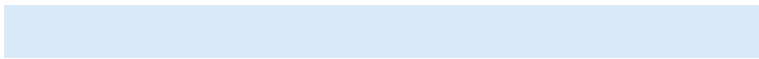
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9759, 0.2948, 0.3289



93.8123, 0.2913, 0.3289



80.4487, 0.2945, 0.3139



19.6039, 0.2980, 0.3289



39.8054, 0.2245, 0.3283



3.6881, 0.2245, 0.3283

Inverse Universe

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



77.4497, 0.3141, 0.3003



79.2963, 0.3144, 0.2944



83.6753, 0.3319, 0.3437



17.5241, 0.3138, 0.3057



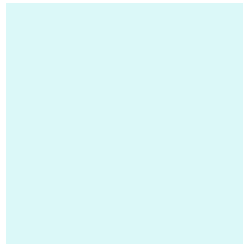
14.4293, 0.3213, 0.1544



1.3365, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 88.9722, 0.2948, 0.3289 looks on a white background.

Color Contrast Check

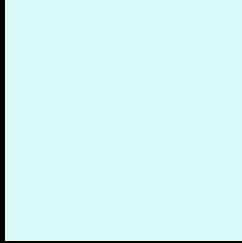
Large Text (above 18pt) WCAG AA × Fail

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 88.9722, 0.2948, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

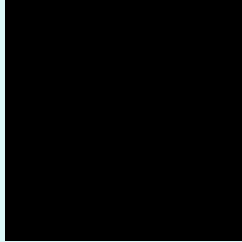
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

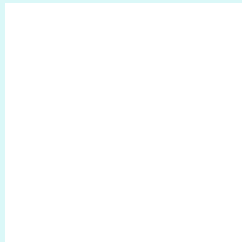
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9722, 0.2948, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 88.9722, 0.2948, 0.3289.

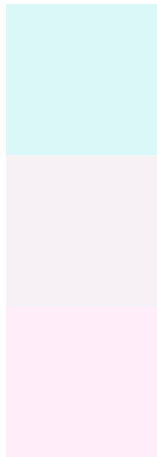


This preview shows how white text looks on a background with the Yxy color 88.9722, 0.2948, 0.3289.

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

88.9722, 0.2948, 0.3289

Protanopia

88.8547, 0.3135, 0.3260

Deuteranopia

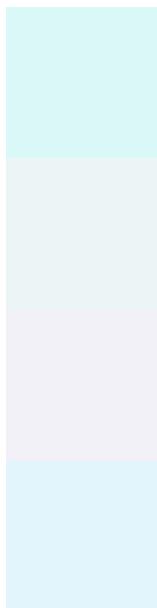
88.6057, 0.3179, 0.3184



Tritanopia

88.9103, 0.2981, 0.3179

Trichromacy



Original Color

88.9722, 0.2948, 0.3289

Protanomaly

89.1268, 0.3070, 0.3280

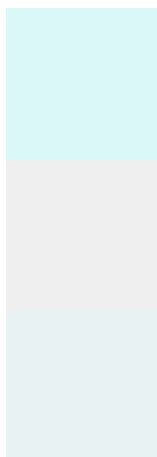
Deuteranomaly

88.5652, 0.3091, 0.3221

Tritanomaly

88.6640, 0.2973, 0.3219

Monochromacy



Original Color

88.9722, 0.2948, 0.3289

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.0709, 0.3063, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9722, 0.2948, 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(219, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(219, 248, 248)  
}
```

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(219, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 248, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.9722, 0.2948, 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(219, 248, 248) }
```

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

```
.border{ border-color:rgb(219, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(219, 248,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9722, 0.2948, 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(219, 248, 248) }
```

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

```
.background{ background-color: rgb(219,  
248, 248) }
```

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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