

Converting Colors

$Yxy(90.6237, 0.2944, 0.3270)$

Have a look what the booklet for
Yxy(90.6237, 0.2944, 0.3270)
contains.

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Color

Yxy(90.9291, 0.2944, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	DEFAFC
RGB	222, 250, 252
RGB Percent	87%, 98%, 99%
CMY	0.1293, 0.0196, 0.0117
CMYK	0.12, 0.01, 0.00, 0.01
HSL	184°, 83%, 93%
HSV	184°, 12%, 99%
XYZ	81.8890, 90.9291, 105.3376
YIQ	241.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

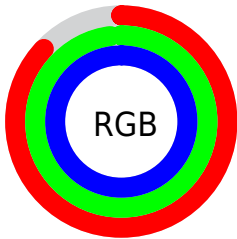
Format	Color
R _Y B	222, 236, 252
Decimal	14613244
CIE Lab	96.38, -8.63, -4.05
CIE LCh	96, 9.529, 205.119
Yxy	90.9291, 0.2944, 0.3269
Android (android.graphics.Color)	4292803324 (0xFFDEFAFC)
YUV	241.8560, 5.0010, -17.4137
Hunter-Lab	95.3568, -13.5848, 1.2540

Details

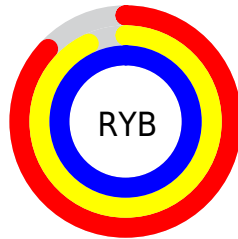
The Yxy color **90.9291, 0.2944, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3108, 0.3340, 0.3311**, and the grayscale version is **88.6504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7392, 0.2911, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **86.1981, 0.2798, 0.3250**, and if you desaturate by 10%, it is **96.2719, 0.3097, 0.3287**.

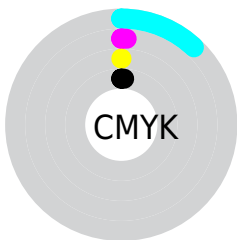
Distribution



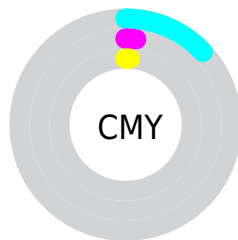
- Red (87%)
- Green (98%)
- Blue (99%)



- Red (87%)
- Yellow (93%)
- Blue (99%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (13%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.9291, 0.2944, 0.3269 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 90.9291, 0.2944, 0.3269 by changing the saturation by 10% instead.

 90.9291, 0.2944,
0.3269

 90.9291, 0.2944,
0.3269


531.0486, 0.3025,
0.3279

 68.7515, 0.2926,
0.3267

148.6283, 0.2971,
0.3273

 50.5094, 0.2905,
0.3264


184.9187, 0.2982,
0.3274

 35.8183, 0.2878,
0.3260


226.6821, 0.2992,
0.3275

 24.2939, 0.2844,
0.3255

274.3029, 0.3000,
0.3276

 15.5518, 0.2800,
0.3249

328.1656, 0.3007,
0.3277

 9.2075, 0.2739,
0.3239

388.6545, 0.3014,

 4.8768, 0.2650,

0.3278

0.3224

456.1540, 0.3020,
0.3278

■ 2.1752, 0.2509,
0.3197

■ 0.7064, 0.2074,
0.3179

■ 90.9291, 0.2944,
0.3269

■ 90.9291, 0.2944,
0.3269

■ 86.1981, 0.2798,
0.3250

■ 96.2719, 0.3097,
0.3287

■ 82.0412, 0.2663,
0.3229

■ 98.7813, 0.3145,
0.3303

■ 78.4339, 0.2541,
0.3207

■ 99.8089, 0.3144,
0.3318

■ 75.3455, 0.2435,
0.3185

■ 72.7422, 0.2348,
0.3162

■ 70.5861, 0.2280,
0.3139

■ 68.8338, 0.2231,
0.3116

■ 67.4327, 0.2201,
0.3093

■ 66.4901, 0.2188,
0.3075

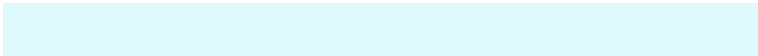
Harmonies

Analogous

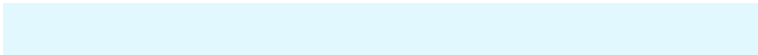
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9291, 0.3015, 0.3366



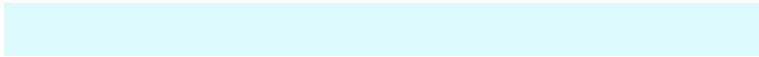
90.9291, 0.2944, 0.3269



90.9291, 0.2922, 0.3180

Triad

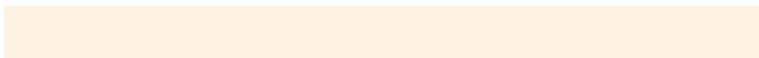
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.9291, 0.2944, 0.3269



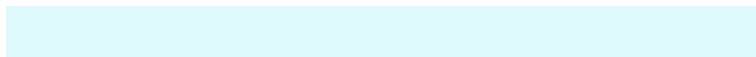
90.9291, 0.3135, 0.3144



90.9291, 0.3303, 0.3458

Complementary

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



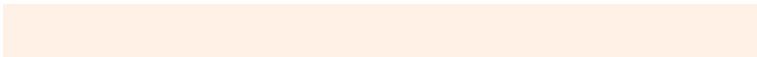
90.9291, 0.2944, 0.3269



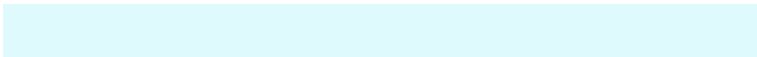
79.3108, 0.3340, 0.3311

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.



90.9291, 0.3337, 0.3395



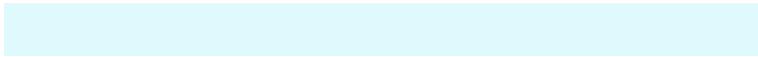
90.9291, 0.2944, 0.3269



90.9291, 0.3239, 0.3215

Square

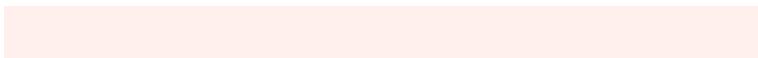
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



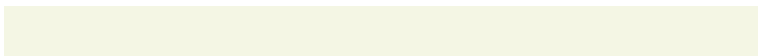
90.9291, 0.2944, 0.3269



90.9291, 0.3031, 0.3110



90.9291, 0.3314, 0.3307



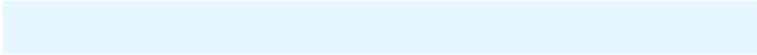
90.9291, 0.3222, 0.3476

Rectangle

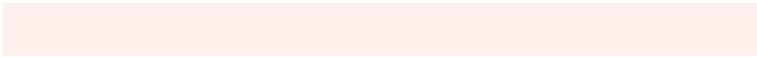
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.9291, 0.2944, 0.3269



90.9291, 0.2937, 0.3137



90.9291, 0.3314, 0.3307



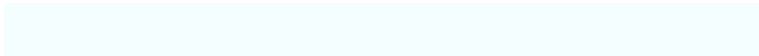
90.9291, 0.3321, 0.3441

Sweetspot

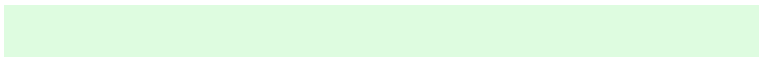
The Sweet Spot groups the original color and five complimentary colors.



90.9329, 0.2944, 0.3269



97.6800, 0.3065, 0.3283



90.5460, 0.3101, 0.3581



20.8166, 0.3053, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

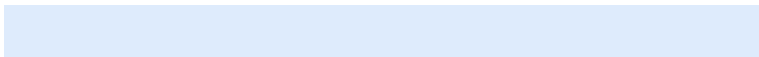
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9329, 0.2944, 0.3269



92.3257, 0.2912, 0.3265



81.9946, 0.2941, 0.3115



19.3971, 0.2980, 0.3273



34.7202, 0.2189, 0.3079



3.2740, 0.2196, 0.3106

Inverse Universe

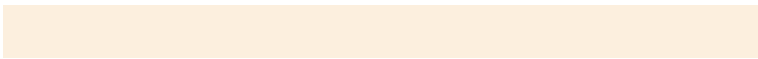
The Inverse Universe completely reimagines the original color for something new.



79.8604, 0.3154, 0.3015



79.1462, 0.3159, 0.2965



87.7184, 0.3321, 0.3460



17.5033, 0.3148, 0.3072



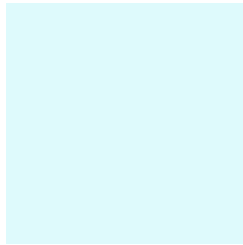
13.9159, 0.3385, 0.1639



1.2947, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 90.9291, 0.2944, 0.3269 looks on a white background.

Color Contrast Check

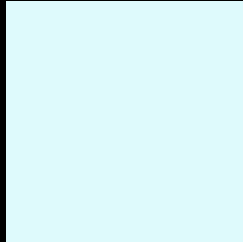
Large Text (above 18pt) WCAG AA × Fail

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 90.9291, 0.2944, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

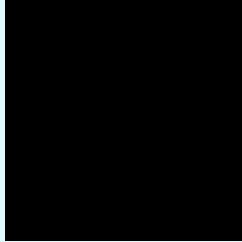
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.9291, 0.2944, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 90.9291, 0.2944, 0.3269.

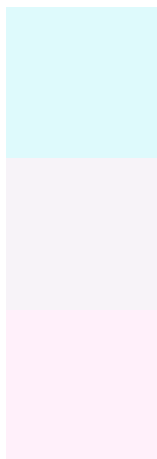


This preview shows how white text looks on a background with the Yxy color 90.9291, 0.2944, 0.3269.

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

90.9291, 0.2944, 0.3269

Protanopia

90.6527, 0.3123, 0.3241

Deuteranopia

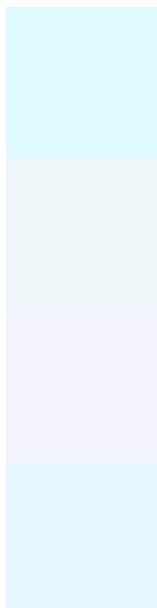
90.4823, 0.3164, 0.3194



Tritanopia

90.9644, 0.3012, 0.3201

Trichromacy



Original Color

90.9291, 0.2944, 0.3269

Protanomaly

90.9282, 0.3059, 0.3260

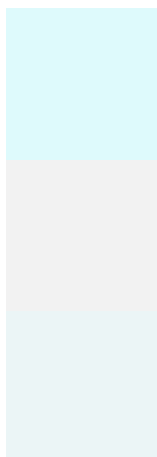
Deuteranomaly

90.7211, 0.3079, 0.3221

Tritanomaly

90.6662, 0.2987, 0.3220

Monochromacy



Original Color

90.9291, 0.2944, 0.3269

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.6208, 0.3058, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9291, 0.2944, 0.3269 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(222, 250, 252)` looks like.

```
.text, #text, p{  
    color:rgb(222, 250, 252)  
}
```

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(222, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 250, 252) }
```

Border

The CSS property to change the border of an element to Yxy 90.9291, 0.2944, 0.3269 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(222, 250, 252) }
```

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

```
.border{ border-color:rgb(222, 250, 252) }
```

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

Here you see how a box with a 4 pixel rgb(222, 250, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(222, 250,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9291, 0.2944, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 250, 252) }
```

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

```
.background{ background-color: rgb(222,  
250, 252) }
```

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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