

Converting Colors

$Yxy(91.2884, 0.2971, 0.3273)$

Have a look what the booklet for
Yxy(91.2884, 0.2971, 0.3273)
contains.

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Color

Yxy(91.5050, 0.2973, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E2FAFB
RGB	226, 250, 251
RGB Percent	89%, 98%, 98%
CMY	0.1138, 0.0196, 0.0155
CMYK	0.10, 0.00, 0.00, 0.02
HSL	182°, 76%, 94%
HSV	182°, 10%, 98%
XYZ	82.9656, 91.5050, 104.5931
YIQ	242.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

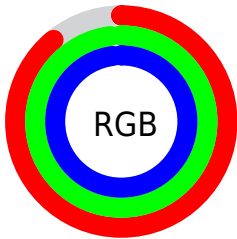
Format	Color
R _Y B	226, 238, 251
Decimal	14875387
CIE Lab	96.62, -7.57, -3.17
CIE LCh	97, 8.209, 202.714
Yxy	91.5050, 0.2973, 0.3279
Android (android.graphics.Color)	4293065467 (0xFFE2FAFB)
YUV	242.9380, 3.9746, -14.8546
Hunter-Lab	95.6582, -12.5865, 2.1329

Details

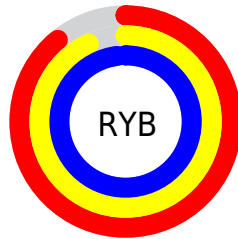
The Yxy color **91.5050, 0.2973, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.9660, 0.3303, 0.3301**, and the grayscale version is **89.5557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1816, 0.2941, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **87.0956, 0.2826, 0.3267**, and if you desaturate by 10%, it is **96.5199, 0.3127, 0.3290**.

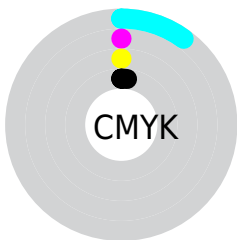
Distribution



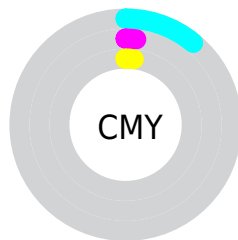
- Red (89%)
- Green (98%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (11%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5050, 0.2973, 0.3279 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 91.5050, 0.2973, 0.3279 by changing the saturation by 10% instead.

 91.5050, 0.2973,
0.3279

 91.5050, 0.2973,
0.3279

532.9145, 0.3041,
0.3284

 69.2296, 0.2958,
0.3278


149.4272, 0.2996,
0.3281

 50.8987, 0.2940,
0.3276


185.8427, 0.3005,
0.3282

 36.1280, 0.2918,
0.3274


227.7403, 0.3013,
0.3282

 24.5331, 0.2889,
0.3271

275.5045, 0.3020,
0.3283

 15.7295, 0.2852,
0.3268

329.5196, 0.3026,
0.3283

 9.3330, 0.2800,
0.3262

390.1700, 0.3032,

 4.9590, 0.2725,

0.3284

457.8402, 0.3037,
0.3284

0.3253

2.2232, 0.2606,
0.3238

0.7326, 0.2259,
0.3235

91.5050, 0.2973,
0.3279

91.5050, 0.2973,
0.3279

87.0956, 0.2826,
0.3267

96.5199, 0.3127,
0.3290

83.2544, 0.2690,
0.3254

97.9075, 0.3152,
0.3300

79.9576, 0.2568,
0.3241

98.5660, 0.3151,
0.3310

77.1753, 0.2461,
0.3227

99.2281, 0.3150,
0.3320

■ 74.8749, 0.2374,
0.3213

■ 99.7480, 0.3150,
0.3328

■ 73.0195, 0.2305,
0.3199

■ 71.5674, 0.2256,
0.3185

■ 70.4687, 0.2226,
0.3171

■ 69.6412, 0.2210,
0.3157

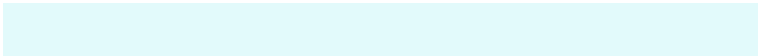
Harmonies

Analogous

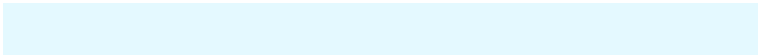
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5050, 0.3037, 0.3362



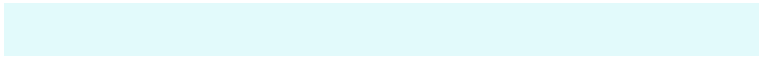
91.5050, 0.2973, 0.3279



91.5050, 0.2950, 0.3201

Triad

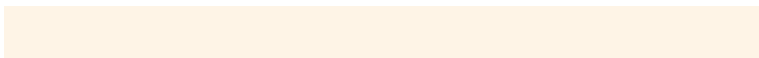
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5050, 0.2973, 0.3279



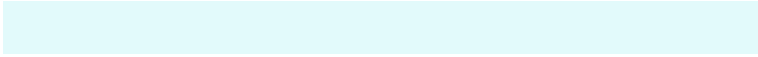
91.5050, 0.3127, 0.3161



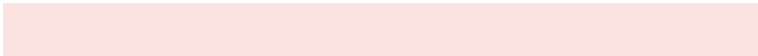
91.5050, 0.3283, 0.3432

Complementary

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



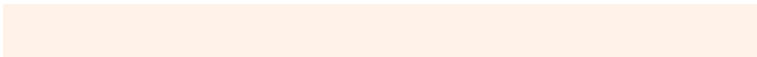
91.5050, 0.2973, 0.3279



80.9660, 0.3303, 0.3301

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.



91.5050, 0.3308, 0.3375



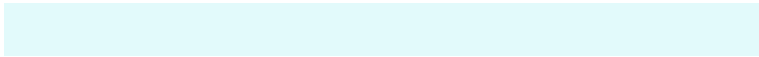
91.5050, 0.2973, 0.3279



91.5050, 0.3217, 0.3220

Square

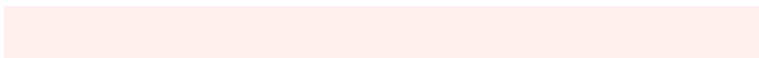
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.5050, 0.2973, 0.3279



91.5050, 0.3038, 0.3134



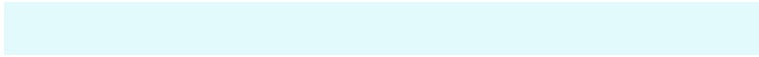
91.5050, 0.3284, 0.3298



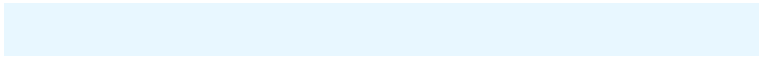
91.5050, 0.3216, 0.3450

Rectangle

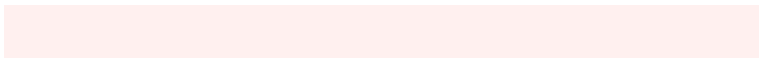
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



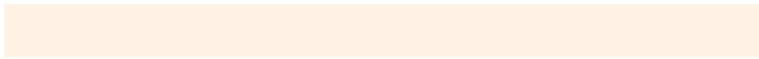
91.5050, 0.2973, 0.3279



91.5050, 0.2961, 0.3162



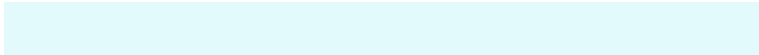
91.5050, 0.3284, 0.3298



91.5050, 0.3296, 0.3416

Sweetspot

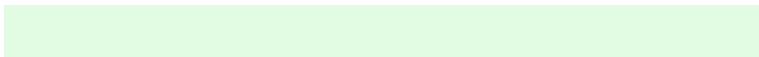
The Sweet Spot groups the original color and five complimentary colors.



91.5088, 0.2973, 0.3279



98.3748, 0.3080, 0.3287



90.7274, 0.3110, 0.3540



20.9654, 0.3068, 0.3286



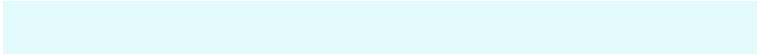
0.0000, 0.0000, 0.0000



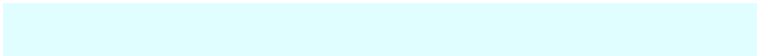
21.4041, 0.3127, 0.3290

Same Dimension

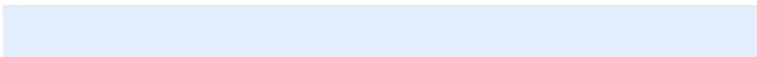
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5088, 0.2973, 0.3279



93.8413, 0.2942, 0.3277



84.1010, 0.2972, 0.3153



19.4773, 0.2980, 0.3280



36.6459, 0.2211, 0.3159



3.4314, 0.2216, 0.3176

Inverse Universe

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



81.8089, 0.3145, 0.3054



81.9248, 0.3149, 0.3005



87.9493, 0.3289, 0.3423



17.5114, 0.3144, 0.3066



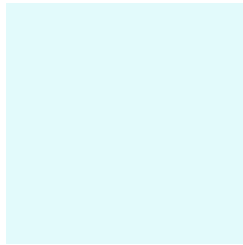
14.1103, 0.3316, 0.1600



1.3106, 0.3302, 0.1593

Previews

White Background



This preview shows how the Yxy color 91.5050, 0.2973, 0.3279 looks on a white background.

Color Contrast Check

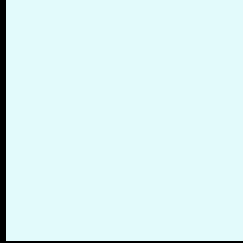
Large Text (above 18pt) WCAG AA × Fail

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 91.5050, 0.2973, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

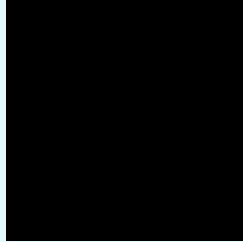
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

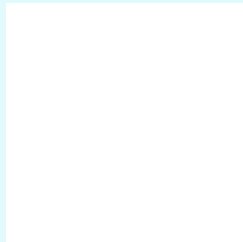
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5050, 0.2973, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 91.5050, 0.2973, 0.3279.

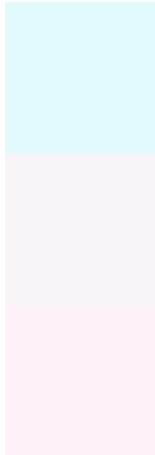


This preview shows how white text looks on a background with the Yxy color 91.5050, 0.2973, 0.3279.

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

91.5050, 0.2973, 0.3279

Protanopia

91.3732, 0.3135, 0.3261

Deuteranopia

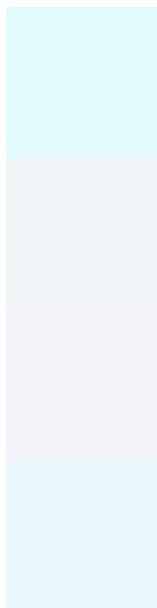
91.0101, 0.3170, 0.3213



Tritanopia

91.3087, 0.3024, 0.3201

Trichromacy



Original Color

91.5050, 0.2973, 0.3279

Protanomaly

91.2141, 0.3077, 0.3270

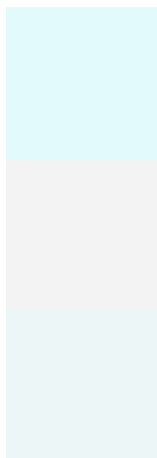
Deuteranomaly

90.8366, 0.3091, 0.3231

Tritanomaly

91.1697, 0.3005, 0.3220

Monochromacy



Original Color

91.5050, 0.2973, 0.3279

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5699, 0.3070, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5050, 0.2973, 0.3279 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(226, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 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(226, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 251) }
```

Border

The CSS property to change the border of an element to Yxy 91.5050, 0.2973, 0.3279 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(226, 250, 251) }
```

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

```
.border{ border-color:rgb(226, 250, 251) }
```

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

Here you see how a box with a 4 pixel rgb(226, 250, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(226, 250,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5050, 0.2973, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 251) }
```

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

```
.background{ background-color: rgb(226,  
250, 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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