

Converting Colors

$Yxy(92.7808, 0.3012, 0.3391)$

Have a look what the booklet for
Yxy(92.7808, 0.3012, 0.3391)
contains.

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Color

Yxy(92.7292, 0.3012, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	E1FDF3
RGB	225, 253, 243
RGB Percent	88%, 99%, 95%
CMY	0.1175, 0.0079, 0.0470
CMYK	0.11, 0.00, 0.04, 0.01
HSL	159°, 87%, 94%
HSV	159°, 11%, 99%
XYZ	82.3652, 92.7292, 98.3624
YIQ	243.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

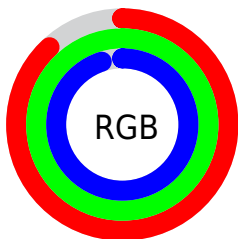
Format	Color
R_{YB}	225, 242, 253
Decimal	14810611
CIE _{Lab}	97.12, -10.88, 1.69
CIE _{LCh}	97, 11.014, 171.167
Yxy	92.7292, 0.3012, 0.3391
Android (android.graphics.Color)	4293000691 (0xFFE1FDF3)
YUV	243.4880, -0.2406, -16.2140
Hunter-Lab	96.2960, -15.8410, 6.8449

Details

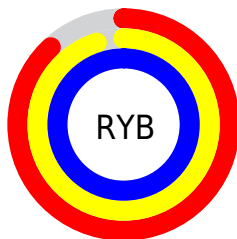
The Yxy color **92.7292, 0.3012, 0.3391** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.7539, 0.3258, 0.3191**, and the grayscale version is **90.0550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6138, 0.2989, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **88.4304, 0.2912, 0.3493**, and if you desaturate by 10%, it is **97.6652, 0.3116, 0.3299**.

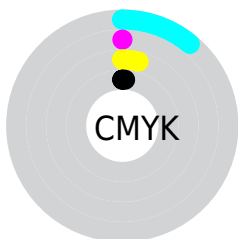
Distribution



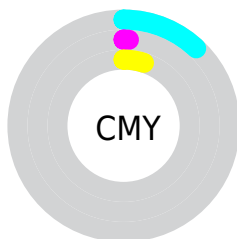
- Red (88%)
- Green (99%)
- Blue (95%)



- Red (88%)
- Yellow (95%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (12%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7292, 0.3012, 0.3391 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 92.7292, 0.3012, 0.3391 by changing the saturation by 10% instead.

 92.7292, 0.3012,
0.3391

 92.7292, 0.3012,
0.3391

536.8694, 0.3063,
0.3346

 70.2464, 0.3001,
0.3401


151.1236, 0.3029,
0.3376

 51.7275, 0.2987,
0.3413


187.8041, 0.3036,
0.3370

 36.7879, 0.2970,
0.3428


229.9860, 0.3042,
0.3364

 25.0433, 0.2949,
0.3447

278.0536, 0.3047,
0.3360

 16.1093, 0.2920,
0.3473

332.3913, 0.3052,
0.3356

 9.6015, 0.2881,
0.3508

393.3836, 0.3056,

 5.1356, 0.2823,

0.3352

0.3560

461.4148, 0.3060,
0.3349

■ 2.3270, 0.2730,
0.3644

■ 0.7880, 0.2403,
0.3918

■ 92.7292, 0.3012,
0.3391

■ 92.7292, 0.3012,
0.3391

■ 88.4304, 0.2912,
0.3493

■ 97.6652, 0.3116,
0.3299

■ 84.7301, 0.2819,
0.3605

■ 98.7268, 0.3128,
0.3271

■ 81.6037, 0.2736,
0.3726

■ 79.0199, 0.2666,
0.3854

■ 76.9446, 0.2613,
0.3989

■ 75.3395, 0.2578,
0.4128

■ 74.1609, 0.2564,
0.4268

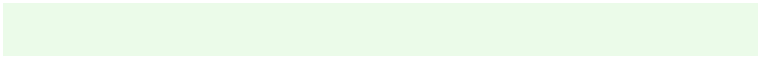
■ 73.3561, 0.2571,
0.4407

■ 72.8797, 0.2591,
0.4528

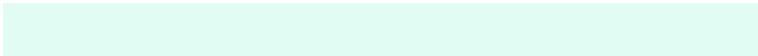
Harmonies

Analogous

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



92.7292, 0.3131, 0.3474



92.7292, 0.3012, 0.3391



92.7292, 0.2925, 0.3280

Triad

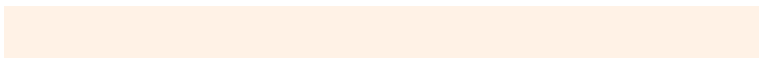
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7292, 0.3012, 0.3391



92.7292, 0.3002, 0.3083



92.7292, 0.3369, 0.3398

Complementary

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



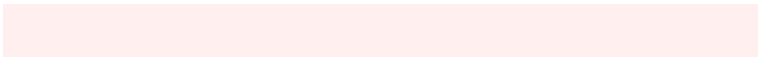
92.7292, 0.3012, 0.3391



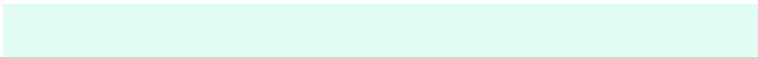
80.7539, 0.3258, 0.3191

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.



92.7292, 0.3333, 0.3294



92.7292, 0.3012, 0.3391



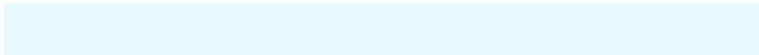
92.7292, 0.3120, 0.3115

Square

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



92.7292, 0.3012, 0.3391



92.7292, 0.2919, 0.3104



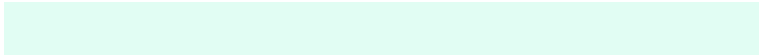
92.7292, 0.3242, 0.3192



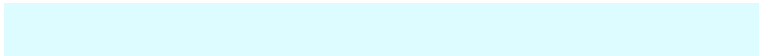
92.7292, 0.3338, 0.3476

Rectangle

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



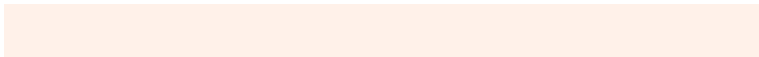
92.7292, 0.3012, 0.3391



92.7292, 0.2896, 0.3208



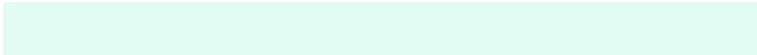
92.7292, 0.3242, 0.3192



92.7292, 0.3364, 0.3365

Sweetspot

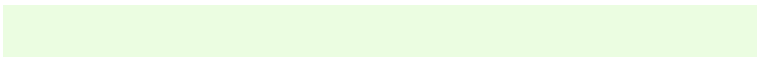
The Sweet Spot groups the original color and five complimentary colors.



92.7331, 0.3012, 0.3391



98.4032, 0.3096, 0.3316



93.3971, 0.3178, 0.3573



20.9732, 0.3087, 0.3323



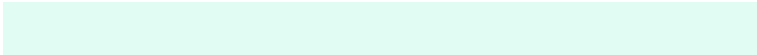
0.0000, 0.0000, 0.0000



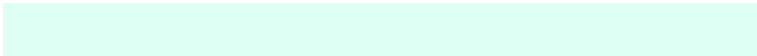
21.4041, 0.3127, 0.3290

Same Dimension

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



92.7331, 0.3012, 0.3391



93.5070, 0.2992, 0.3410



91.0224, 0.2956, 0.3252



20.3649, 0.3028, 0.3376



38.8002, 0.2585, 0.4506



3.7987, 0.2542, 0.4351

Inverse Universe

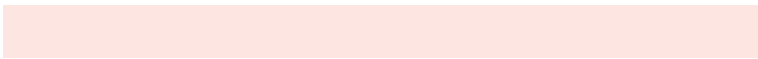
The Inverse Universe completely reimagines the original color for something new.



80.7539, 0.3258, 0.3191



79.3453, 0.3284, 0.3173



82.2308, 0.3321, 0.3328



18.0942, 0.3238, 0.3205



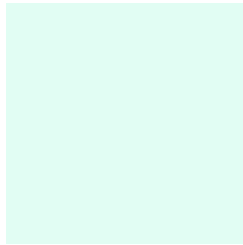
11.5295, 0.5556, 0.2834



1.1425, 0.5242, 0.2662

Previews

White Background



This preview shows how the Yxy color 92.7292, 0.3012, 0.3391 looks on a white background.

Color Contrast Check

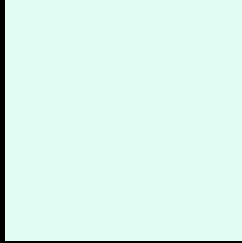
Large Text (above 18pt) WCAG AA × Fail

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 92.7292, 0.3012, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

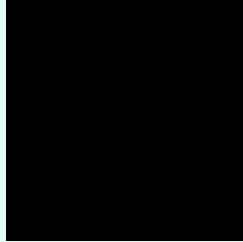
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

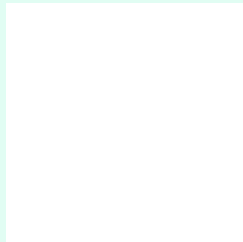
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7292, 0.3012, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 92.7292, 0.3012, 0.3391.

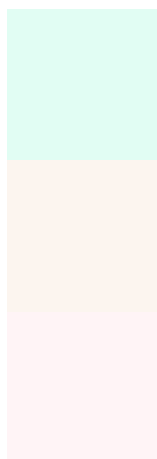


This preview shows how white text looks on a background with the Yxy color 92.7292, 0.3012, 0.3391.

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

92.7292, 0.3012, 0.3391

Protanopia

92.2323, 0.3209, 0.3349

Deuteranopia

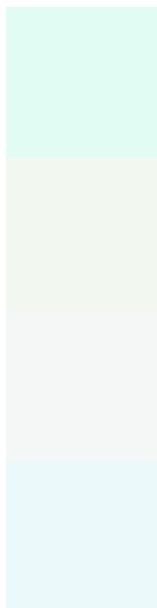
92.6152, 0.3186, 0.3271



Tritanopia

92.2668, 0.3036, 0.3211

Trichromacy



Original Color

92.7292, 0.3012, 0.3391

Protanomaly

92.3033, 0.3136, 0.3369

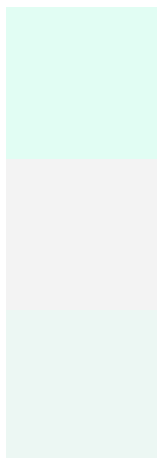
Deuteranomaly

92.3472, 0.3120, 0.3310

Tritanomaly

92.3786, 0.3028, 0.3270

Monochromacy



Original Color

92.7292, 0.3012, 0.3391

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.8255, 0.3081, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7292, 0.3012, 0.3391 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(225, 253, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 253, 243)  
}
```

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(225, 253, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 253, 243) }
```

Border

The CSS property to change the border of an element to Yxy 92.7292, 0.3012, 0.3391 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(225, 253, 243) }
```

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

```
.border{ border-color:rgb(225, 253, 243) }
```

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

Here you see how a box with a 4 pixel rgb(225, 253, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 253, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 253, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 253,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7292, 0.3012, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 253, 243) }
```

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

```
.background{ background-color: rgb(225,  
253, 243) }
```

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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