

Converting Colors

$Yxy(92.1917, 0.3013, 0.3371)$

Have a look what the booklet for
Yxy(92.1917, 0.3013, 0.3371)
contains.

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Color

Yxy(92.3212, 0.3012, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	E2FCF4
RGB	226, 252, 244
RGB Percent	89%, 99%, 96%
CMY	0.1140, 0.0117, 0.0431
CMYK	0.10, 0.00, 0.03, 0.01
HSL	162°, 81%, 94%
HSV	162°, 10%, 99%
XYZ	82.4893, 92.3212, 99.0584
YIQ	243.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

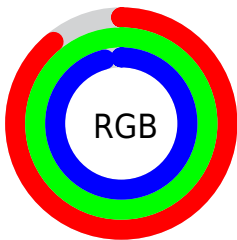
Format	Color
R _Y B	226, 241, 252
Decimal	14875892
CIE Lab	96.95, -9.93, 0.95
CIE LCh	97, 9.973, 174.535
Yxy	92.3212, 0.3012, 0.3371
Android (android.graphics.Color)	4293065972 (0xFFE2FCF4)
YUV	243.3140, 0.3382, -15.1844
Hunter-Lab	96.0839, -14.9023, 6.1333

Details

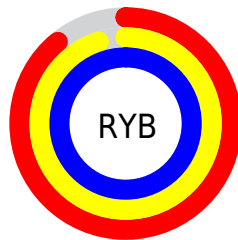
The Yxy color **92.3212, 0.3012, 0.3371** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.9989, 0.3257, 0.3210**, and the grayscale version is **89.8908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3190, 0.2990, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **88.0861, 0.2905, 0.3458**, and if you desaturate by 10%, it is **97.1826, 0.3123, 0.3293**.

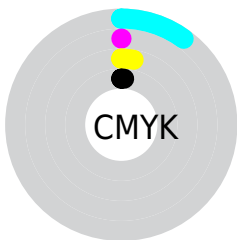
Distribution



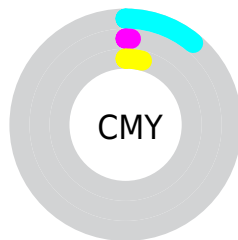
- Red (89%)
- Green (99%)
- Blue (96%)



- Red (89%)
- Yellow (95%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3212, 0.3012, 0.3371 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 92.3212, 0.3012, 0.3371 by changing the saturation by 10% instead.


 92.3212, 0.3012,
0.3371

 92.3212, 0.3012,
0.3371

535.5530, 0.3063,
0.3335

 69.9074, 0.3001,
0.3379

150.5585, 0.3029,
0.3359

 51.4511, 0.2987,
0.3389


187.1508, 0.3036,
0.3354

 36.5677, 0.2970,
0.3400


229.2381, 0.3042,
0.3350

 24.8730, 0.2949,
0.3416

277.2048, 0.3047,
0.3346

 15.9824, 0.2920,
0.3436

331.4352, 0.3052,
0.3343

 9.5117, 0.2881,
0.3464

392.3138, 0.3056,

 5.0764, 0.2824,

0.3340

460.2249, 0.3060,
0.3337

0.3505

■ 2.2922, 0.2731,
0.3572

■ 0.7696, 0.2409,
0.3791

■ 92.3212, 0.3012,
0.3371

■ 92.3212, 0.3012,
0.3371

■ 88.0861, 0.2905,
0.3458


■ 97.1826, 0.3123,
0.3293

■ 84.4394, 0.2806,
0.3553

■ 98.1141, 0.3128,
0.3262


■ 81.3569, 0.2717,
0.3655


■ 78.8079, 0.2642,
0.3764

 76.7590, 0.2583,
0.3879

 75.1728, 0.2543,
0.3996

 74.0065, 0.2523,
0.4115

 73.2091, 0.2524,
0.4233

 72.7098, 0.2541,
0.4346

Harmonies

Analogous

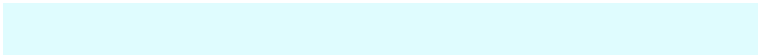
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3212, 0.3118, 0.3450



92.3212, 0.3012, 0.3371



92.3212, 0.2938, 0.3270

Triad

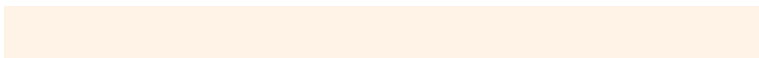
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3212, 0.3012, 0.3371



92.3212, 0.3025, 0.3103



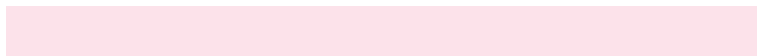
92.3212, 0.3346, 0.3398

Complementary

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



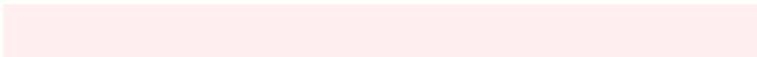
92.3212, 0.3012, 0.3371



80.9989, 0.3257, 0.3210

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.



92.3212, 0.3321, 0.3305



92.3212, 0.3012, 0.3371



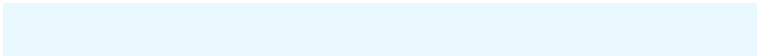
92.3212, 0.3133, 0.3137

Square

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



92.3212, 0.3012, 0.3371



92.3212, 0.2945, 0.3116



92.3212, 0.3242, 0.3211



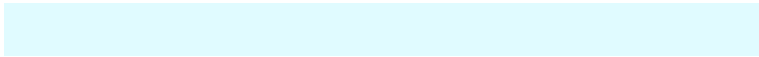
92.3212, 0.3312, 0.3464

Rectangle

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



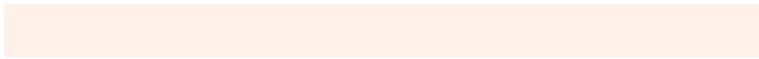
92.3212, 0.3012, 0.3371



92.3212, 0.2915, 0.3205



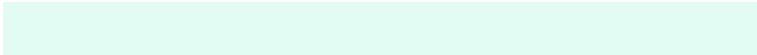
92.3212, 0.3242, 0.3211



92.3212, 0.3344, 0.3369

Sweetspot

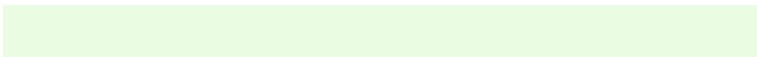
The Sweet Spot groups the original color and five complimentary colors.



92.3251, 0.3012, 0.3371



98.4272, 0.3093, 0.3313



92.6483, 0.3167, 0.3555



20.9796, 0.3084, 0.3319



0.0000, 0.0000, 0.0000



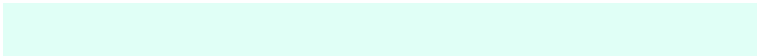
21.4041, 0.3127, 0.3290

Same Dimension

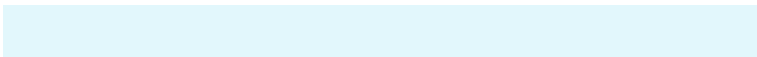
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3251, 0.3012, 0.3371



94.0598, 0.2994, 0.3385



89.8574, 0.2967, 0.3241



19.5123, 0.3021, 0.3364



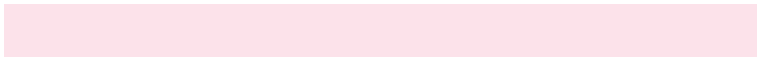
37.8957, 0.2535, 0.4326



3.5288, 0.2496, 0.4186

Inverse Universe

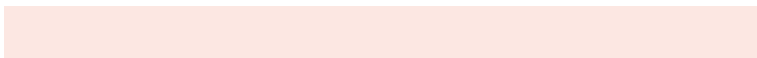
The Inverse Universe completely reimagines the original color for something new.



80.9989, 0.3257, 0.3210



80.7163, 0.3281, 0.3197



83.1841, 0.3306, 0.3338



17.3131, 0.3245, 0.3217



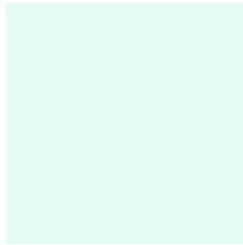
11.0864, 0.5739, 0.2935



1.0449, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 92.3212, 0.3012, 0.3371 looks on a white background.

Color Contrast Check

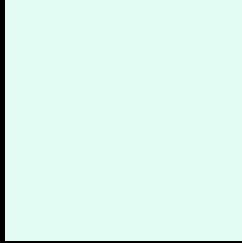
Large Text (above 18pt) WCAG AA × Fail

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 92.3212, 0.3012, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

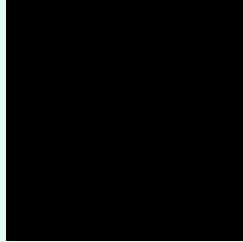
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

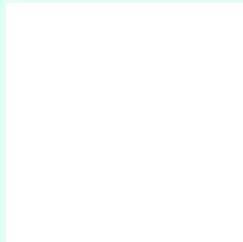
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3212, 0.3012, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 92.3212, 0.3012, 0.3371.

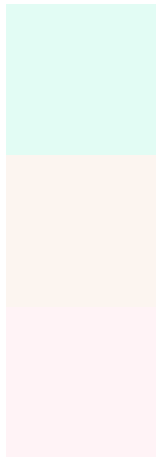


This preview shows how white text looks on a background with the Yxy color 92.3212, 0.3012, 0.3371.

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

92.3212, 0.3012, 0.3371

Protanopia

92.2915, 0.3203, 0.3339

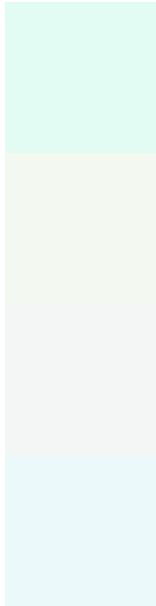
Deuteranopia

92.0150, 0.3187, 0.3261

Tritanopia

92.2668, 0.3036, 0.3211

Trichromacy



Original Color

92.3212, 0.3012, 0.3371

Protanomaly

92.5404, 0.3137, 0.3359

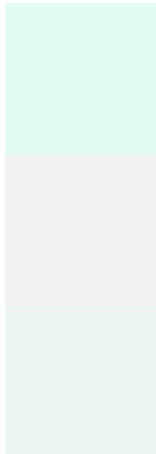
Deuteranomaly

91.7372, 0.3120, 0.3300

Tritanomaly

92.3786, 0.3028, 0.3270

Monochromacy



Original Color

92.3212, 0.3012, 0.3371

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3871, 0.3087, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3212, 0.3012, 0.3371 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, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(226, 252, 244)  
}
```

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, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 252, 244) }
```

Border

The CSS property to change the border of an element to Yxy 92.3212, 0.3012, 0.3371 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, 252, 244) }
```

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

```
.border{ border-color:rgb(226, 252, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 252, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 252, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 252, 244);  
box-shadow:4px 4px 4px 4px rgb(226, 252,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3212, 0.3012, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 252, 244) }
```

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

```
.background{ background-color: rgb(226,  
252, 244) }
```

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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