

Converting Colors

$Y_{xy}(100.0000, 0.3026, 0.3508)$

Have a look what the booklet for
Yxy(100.0000, 0.3026, 0.3508)
contains.

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Color

Yxy(94.2617, 0.3029, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF2
RGB	227, 255, 242
RGB Percent	89%, 100%, 95%
CMY	0.1099, 0.0000, 0.0509
CMYK	0.11, 0.00, 0.05, 0.00
HSL	152°, 100%, 95%
HSV	152°, 11%, 100%
XYZ	83.4606, 94.2617, 97.8161
YIQ	245.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

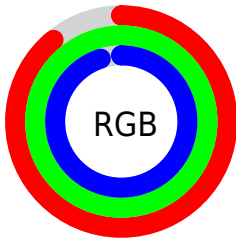
Format	Color
R _Y B	227, 245, 255
Decimal	14942194
CIE Lab	97.74, -11.45, 3.12
CIE LCh	98, 11.868, 164.766
Yxy	94.2617, 0.3029, 0.3421
Android (android.graphics.Color)	4293132274 (0xFFE3FFF2)
YUV	245.1460, -1.5510, -15.9140
Hunter-Lab	97.0885, -16.4601, 8.2275

Details

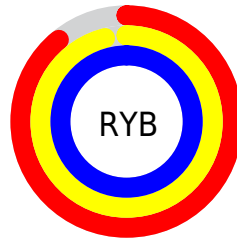
The Yxy color **94.2617, 0.3029, 0.3421** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.4699, 0.3238, 0.3163**, and the grayscale version is **91.4482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5913, 0.3004, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **89.7281, 0.2943, 0.3554**, and if you desaturate by 10%, it is **99.4481, 0.3118, 0.3301**.

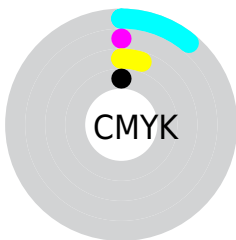
Distribution



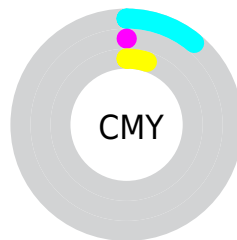
- Red (89%)
- Green (100%)
- Blue (95%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.2617, 0.3029, 0.3421 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 94.2617, 0.3029, 0.3421 by changing the saturation by 10% instead.


 94.2617, 0.3029,
0.3421

 94.2617, 0.3029,
0.3421


541.7987, 0.3073,
0.3363

 71.5206, 0.3019,
0.3434


153.2442, 0.3044,
0.3401

 52.7672, 0.3008,
0.3450


190.2545, 0.3050,
0.3393

 37.6169, 0.2993,
0.3469


232.7899, 0.3055,
0.3387

 25.6855, 0.2975,
0.3494

281.2349, 0.3059,
0.3381

 16.5885, 0.2950,
0.3527

335.9739, 0.3063,
0.3375

 9.9416, 0.2917,
0.3573

397.3913, 0.3067,

 5.3602, 0.2867,

0.3371

0.3641

465.8714, 0.3070,
0.3366

■ 2.4601, 0.2787,
0.3751

■ 0.8566, 0.2539,
0.4068

■ 94.2617, 0.3029,
0.3421

■ 94.2617, 0.3029,
0.3421

■ 89.7281, 0.2943,
0.3554

■ 99.4481, 0.3118,
0.3301

■ 85.8301, 0.2862,
0.3702

■ 100.0000, 0.3127,
0.3290

■ 82.5344, 0.2790,
0.3861

■ 79.8087, 0.2730,
0.4032

■ 77.6178, 0.2686,
0.4212

■ 75.9220, 0.2660,
0.4396

■ 74.6763, 0.2655,
0.4579

■ 73.8264, 0.2670,
0.4758

■ 73.3244, 0.2698,
0.4912

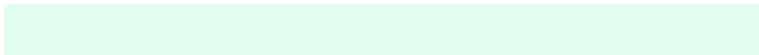
Harmonies

Analogous

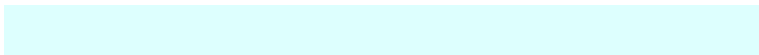
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2617, 0.3159, 0.3500



94.2617, 0.3029, 0.3421



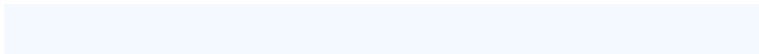
94.2617, 0.2926, 0.3305

Triad

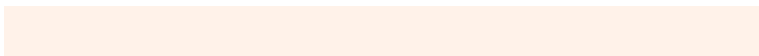
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.2617, 0.3029, 0.3421



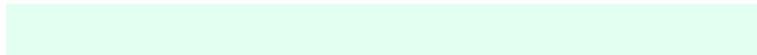
94.2617, 0.2970, 0.3068



94.2617, 0.3384, 0.3383

Complementary

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



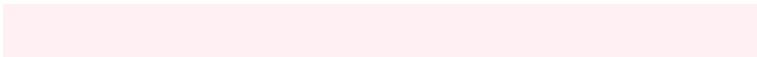
94.2617, 0.3029, 0.3421



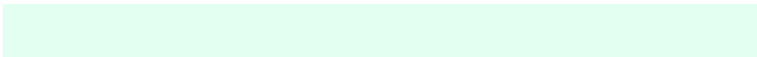
82.4699, 0.3238, 0.3163

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.



94.2617, 0.3332, 0.3270



94.2617, 0.3029, 0.3421



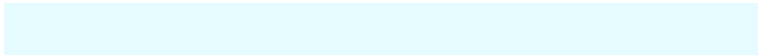
94.2617, 0.3091, 0.3091

Square

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



94.2617, 0.3029, 0.3421



94.2617, 0.2893, 0.3102



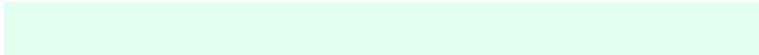
94.2617, 0.3223, 0.3164



94.2617, 0.3366, 0.3475

Rectangle

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



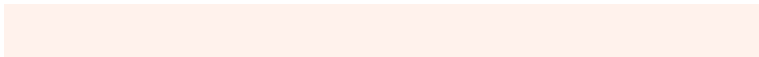
94.2617, 0.3029, 0.3421



94.2617, 0.2886, 0.3225



94.2617, 0.3223, 0.3164



94.2617, 0.3374, 0.3346

Sweetspot

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



94.2582, 0.3029, 0.3421



98.3518, 0.3100, 0.3324



95.5985, 0.3196, 0.3570



20.9593, 0.3093, 0.3333



0.0000, 0.0000, 0.0000



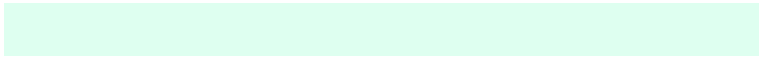
21.4041, 0.3127, 0.3290

Same Dimension

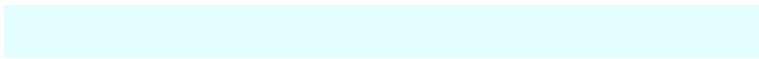
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2582, 0.3029, 0.3421



93.2965, 0.3011, 0.3447



94.4713, 0.2958, 0.3280



20.3313, 0.3042, 0.3402



38.3441, 0.2690, 0.4884



3.7555, 0.2635, 0.4688

Inverse Universe

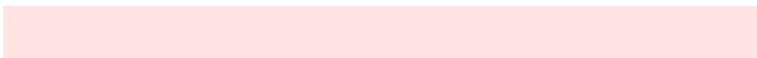
The Inverse Universe completely reimagines the original color for something new.



82.4699, 0.3238, 0.3163



79.5489, 0.3260, 0.3139



82.2386, 0.3323, 0.3300



18.1270, 0.3221, 0.3180



11.8225, 0.5121, 0.2595



1.1729, 0.4847, 0.2444

Previews

White Background



This preview shows how the Yxy color 94.2617, 0.3029, 0.3421 looks on a white background.

Color Contrast Check

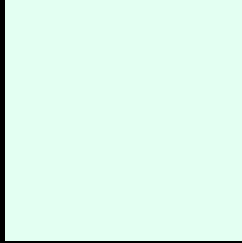
Large Text (above 18pt) WCAG AA × Fail

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 94.2617, 0.3029, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

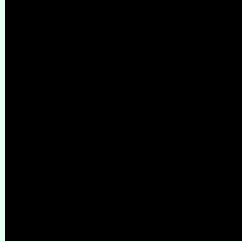
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

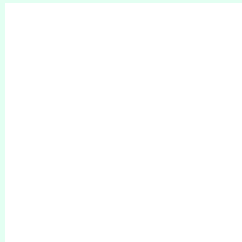
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2617, 0.3029, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 94.2617, 0.3029, 0.3421.

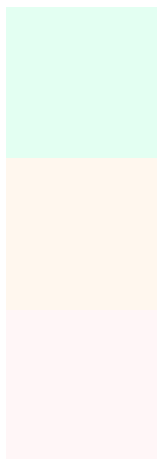


This preview shows how white text looks on a background with the Yxy color 94.2617, 0.3029, 0.3421.

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

94.2617, 0.3029, 0.3421

Protanopia

93.9546, 0.3233, 0.3378

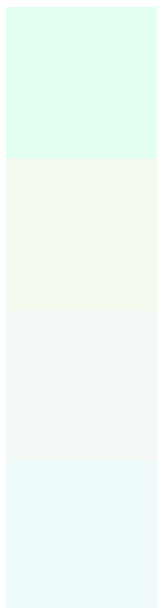
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.2617, 0.3029, 0.3421

Protanomaly

94.0157, 0.3160, 0.3399

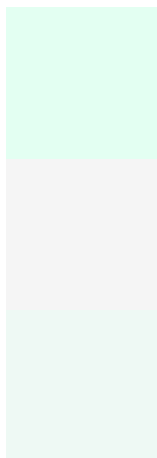
Deuteranomaly

93.7564, 0.3125, 0.3329

Tritanomaly

94.0736, 0.3052, 0.3300

Monochromacy



Original Color

94.2617, 0.3029, 0.3421

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.4602, 0.3087, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2617, 0.3029, 0.3421 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(227, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 242)  
}
```

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(227, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 242) }
```

Border

The CSS property to change the border of an element to Yxy 94.2617, 0.3029, 0.3421 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(227, 255, 242) }
```

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

```
.border{ border-color:rgb(227, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2617, 0.3029, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 242) }
```

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

```
.background{ background-color: rgb(227,  
255, 242) }
```

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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