

Converting Colors

$Yxy(92.8501, 0.3015, 0.3475)$

Have a look what the booklet for
Yxy(92.8501, 0.3015, 0.3475)
contains.

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Color

Yxy(92.8501, 0.3015, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	DCFFED
RGB	220, 255, 237
RGB Percent	86%, 100%, 93%
CMY	0.1373, 0.0000, 0.0706
CMYK	0.14, 0.00, 0.07, 0.00
HSL	149°, 100%, 93%
HSV	149°, 14%, 100%
XYZ	80.5592, 92.8501, 93.7853
YIQ	242.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

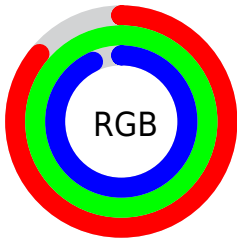
Format	Color
R _Y B	220, 244, 255
Decimal	14483437
CIE Lab	97.17, -14.60, 4.82
CIE LCh	97, 15.381, 161.727
Yxy	92.8501, 0.3015, 0.3475
Android (android.graphics.Color)	4292673517 (0xFFDCFFED)
YUV	242.4830, -2.7031, -19.7176
Hunter-Lab	96.3588, -19.3958, 9.7446

Details

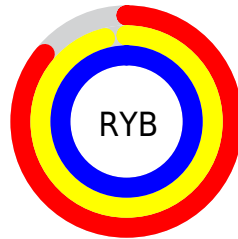
The Yxy color $92.8501, 0.3015, 0.3475$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $78.6203, 0.3256, 0.3112$, and the grayscale version is $89.2246, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.7237, 0.2994, 0.3515$ is the 20% darker color. If you saturate the color by 10%, you get $88.4300, 0.2937, 0.3628$, and if you desaturate by 10%, it is $97.9316, 0.3096, 0.3337$.

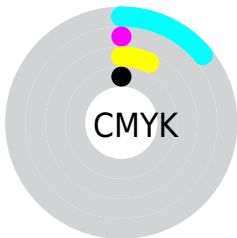
Distribution



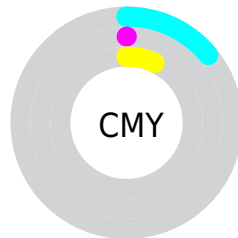
- Red (86%)
- Green (100%)
- Blue (93%)



- Red (86%)
- Yellow (96%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8501, 0.3015, 0.3475 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 92.8501, 0.3015, 0.3475 by changing the saturation by 10% instead.


 92.8501, 0.3015,
0.3475

 92.8501, 0.3015,
0.3475


537.2592, 0.3065,
0.3392

 70.3469, 0.3004,
0.3493

151.2911, 0.3032,
0.3447

 51.8094, 0.2990,
0.3516


187.9976, 0.3039,
0.3435

 36.8532, 0.2973,
0.3544


230.2075, 0.3045,
0.3426

 25.0938, 0.2952,
0.3580

278.3049, 0.3050,
0.3417

 16.1470, 0.2923,
0.3628

332.6744, 0.3054,
0.3410

 9.6282, 0.2883,
0.3696

393.7004, 0.3058,

 5.1532, 0.2823,

0.3403

0.3796

461.7672, 0.3062,
0.3397

■ 2.3374, 0.2726,
0.3962

■ 0.7934, 0.2315,
0.4619

■ 92.8501, 0.3015,
0.3475

■ 92.8501, 0.3015,
0.3475

■ 88.4300, 0.2937,
0.3628

■ 97.9316, 0.3096,
0.3337

■ 84.6451, 0.2864,
0.3797

100.0000, 0.3127,
0.3290

■ 81.4639, 0.2801,
0.3980

■ 78.8529, 0.2749,
0.4175

■ 76.7755, 0.2714,
0.4377

■ 75.1903, 0.2698,
0.4582

■ 74.0498, 0.2701,
0.4784

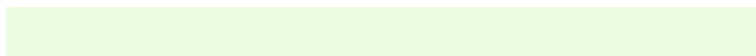
■ 73.2960, 0.2725,
0.4976

■ 72.9692, 0.2747,
0.5090

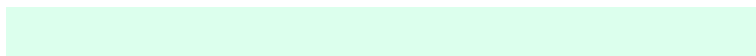
Harmonies

Analogous

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



92.8501, 0.3186, 0.3572



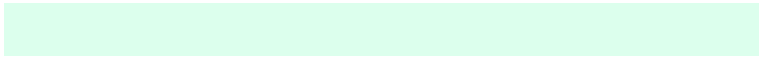
92.8501, 0.3015, 0.3475



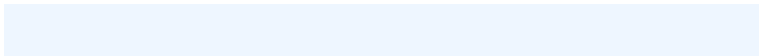
92.8501, 0.2877, 0.3325

Triad

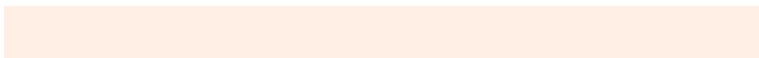
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8501, 0.3015, 0.3475



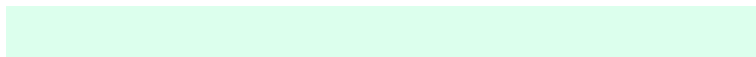
92.8501, 0.2910, 0.3003



92.8501, 0.3460, 0.3395

Complementary

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



92.8501, 0.3015, 0.3475



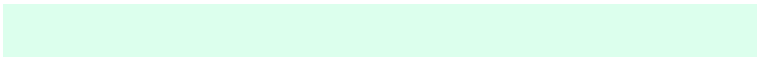
78.6203, 0.3256, 0.3112

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.



92.8501, 0.3382, 0.3248



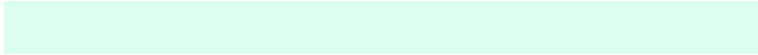
92.8501, 0.3015, 0.3475



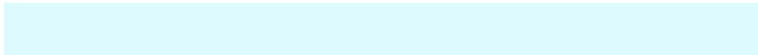
92.8501, 0.3062, 0.3027

Square

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



92.8501, 0.3015, 0.3475



92.8501, 0.2817, 0.3054



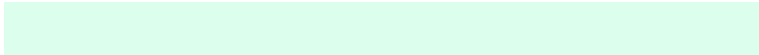
92.8501, 0.3235, 0.3115



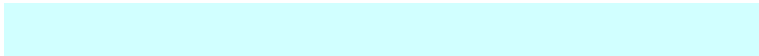
92.8501, 0.3446, 0.3520

Rectangle

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



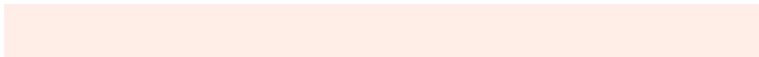
92.8501, 0.3015, 0.3475



92.8501, 0.2820, 0.3220



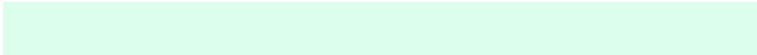
92.8501, 0.3235, 0.3115



92.8501, 0.3444, 0.3347

Sweetspot

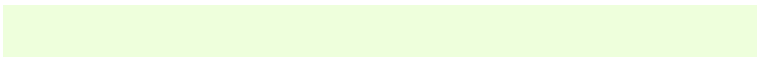
The Sweet Spot groups the original color and five complimentary colors.



92.8493, 0.3015, 0.3475



97.7830, 0.3094, 0.3341



94.8789, 0.3224, 0.3643



20.8430, 0.3088, 0.3351



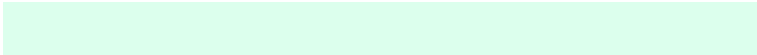
0.0000, 0.0000, 0.0000



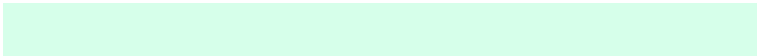
21.4041, 0.3127, 0.3290

Same Dimension

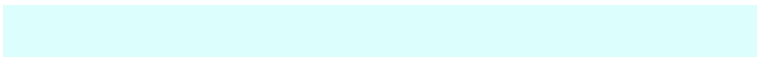
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8493, 0.3015, 0.3475



91.7869, 0.2997, 0.3508



93.9182, 0.2920, 0.3295



20.3151, 0.3049, 0.3415



38.1579, 0.2739, 0.5061



3.7373, 0.2680, 0.4849

Inverse Universe

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



78.6203, 0.3256, 0.3112



75.4641, 0.3281, 0.3081



77.6448, 0.3377, 0.3285



18.1432, 0.3213, 0.3168



11.9988, 0.4902, 0.2474



1.1904, 0.4656, 0.2339

Previews

White Background



This preview shows how the Yxy color 92.8501, 0.3015, 0.3475 looks on a white background.

Color Contrast Check

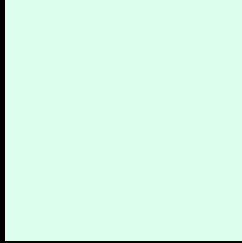
Large Text (above 18pt) WCAG AA × Fail

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 92.8501, 0.3015, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

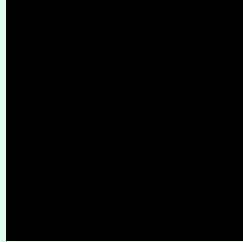
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

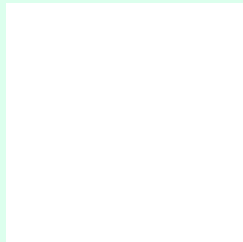
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8501, 0.3015, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 92.8501, 0.3015, 0.3475.

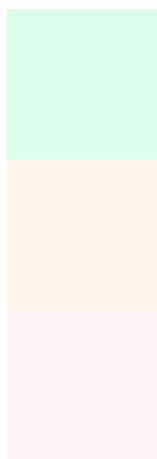


This preview shows how white text looks on a background with the Yxy color 92.8501, 0.3015, 0.3475.

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

92.8501, 0.3015, 0.3475

Protanopia

92.2018, 0.3265, 0.3418

Deuteranopia

92.5539, 0.3193, 0.3281



Tritanopia

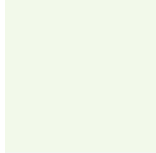
92.7055, 0.3030, 0.3221

Trichromacy



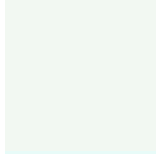
Original Color

92.8501, 0.3015, 0.3475



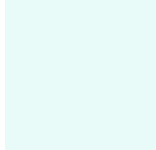
Protanomaly

92.5691, 0.3171, 0.3440



Deuteranomaly

92.4229, 0.3124, 0.3349



Tritanomaly

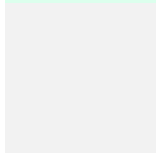
92.9275, 0.3026, 0.3320

Monochromacy



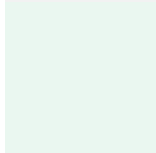
Original Color

92.8501, 0.3015, 0.3475



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3052, 0.3086, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8501, 0.3015, 0.3475 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(220, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 237)  
}
```

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(220, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 92.8501, 0.3015, 0.3475 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(220, 255, 237) }
```

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

```
.border{ border-color:rgb(220, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8501, 0.3015, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 237) }
```

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

```
.background{ background-color: rgb(220,  
255, 237) }
```

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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