

Converting Colors

$Y_{xy}(100.0000, 0.2994, 0.3568)$

Have a look what the booklet for
Yxy(100.0000, 0.2994, 0.3568)
contains.

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Color

Yxy(92.6574, 0.2992, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFEF
RGB	218, 255, 239
RGB Percent	85%, 100%, 94%
CMY	0.1450, 0.0000, 0.0626
CMYK	0.14, 0.00, 0.06, 0.00
HSL	154°, 100%, 93%
HSV	154°, 14%, 100%
XYZ	80.2637, 92.6574, 95.3400
YIQ	242.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

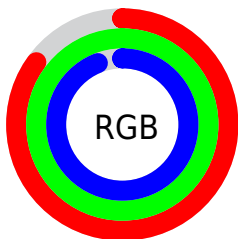
Format	Color
R _Y B	218, 242, 255
Decimal	14352367
CIE Lab	97.09, -14.85, 3.64
CIE LCh	97, 15.287, 166.218
Yxy	92.6574, 0.2992, 0.3454
Android (android.graphics.Color)	4292542447 (0xFFDAFFEF)
YUV	242.1130, -1.5347, -21.1471
Hunter-Lab	96.2587, -19.6135, 8.6570

Details

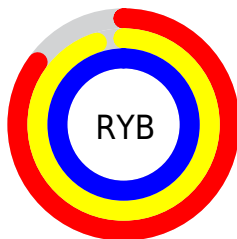
The Yxy color **92.6574, 0.2992, 0.3454** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3585, 0.3286, 0.3132**, and the grayscale version is **88.9176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5936, 0.2965, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **88.3957, 0.2903, 0.3583**, and if you desaturate by 10%, it is **97.5713, 0.3085, 0.3338**.

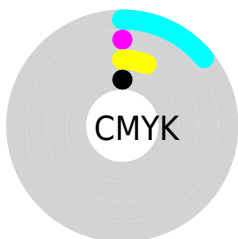
Distribution



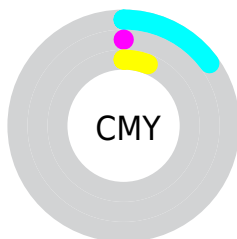
- Red (85%)
- Green (100%)
- Blue (94%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6574, 0.2992, 0.3454 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 92.6574, 0.2992, 0.3454 by changing the saturation by 10% instead.


 92.6574, 0.2992,
0.3454

 92.6574, 0.2992,
0.3454

536.6379, 0.3052,
0.3381

 70.1868, 0.2979,
0.3470


151.0242, 0.3013,
0.3429

 51.6788, 0.2963,
0.3490

187.6892, 0.3021,
0.3419

 36.7491, 0.2942,
0.3515

229.8544, 0.3028,
0.3410

 25.0133, 0.2917,
0.3547

277.9042, 0.3034,
0.3403

 16.0870, 0.2883,
0.3589

332.2231, 0.3039,
0.3396

 9.5857, 0.2835,
0.3648

393.1954, 0.3044,

 5.1252, 0.2766,

0.3391

0.3736

461.2055, 0.3048,
0.3385

■ 2.3209, 0.2652,
0.3881

■ 0.7847, 0.2169,
0.4439

■ 92.6574, 0.2992,
0.3454

■ 92.6574, 0.2992,
0.3454

■ 88.3957, 0.2903,
0.3583

■ 97.5713, 0.3085,
0.3338

■ 84.7464, 0.2822,
0.3723

99.9970, 0.3127,
0.3290


■ 81.6828, 0.2751,
0.3876

■ 79.1719, 0.2693,
0.4037

 77.1772, 0.2652,
0.4205

 75.6578, 0.2631,
0.4377

 74.5658, 0.2630,
0.4547

 73.8431, 0.2650,
0.4713

 73.5577, 0.2667,
0.4801

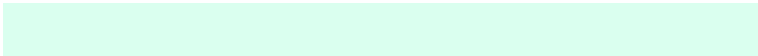
Harmonies

Analogous

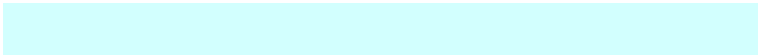
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6574, 0.3160, 0.3561



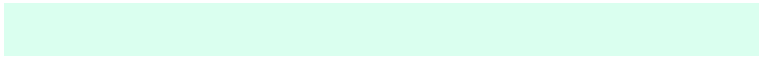
92.6574, 0.2992, 0.3454



92.6574, 0.2863, 0.3301

Triad

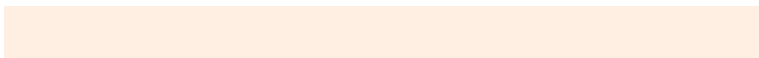
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.6574, 0.2992, 0.3454



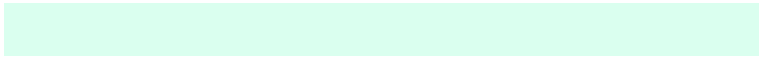
92.6574, 0.2930, 0.3004



92.6574, 0.3462, 0.3415

Complementary

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



92.6574, 0.2992, 0.3454



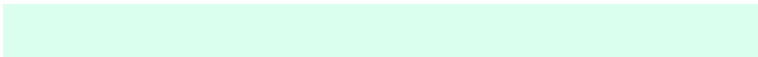
77.3585, 0.3286, 0.3132

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.



92.6574, 0.3398, 0.3270



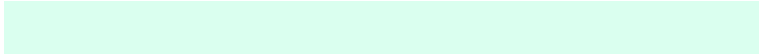
92.6574, 0.2992, 0.3454



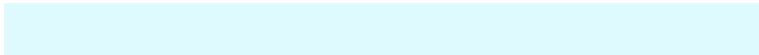
92.6574, 0.3087, 0.3037

Square

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



92.6574, 0.2992, 0.3454



92.6574, 0.2828, 0.3043



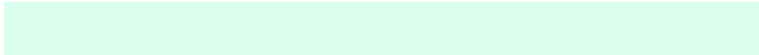
92.6574, 0.3259, 0.3134



92.6574, 0.3434, 0.3533

Rectangle

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



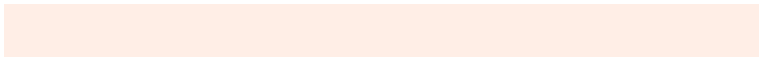
92.6574, 0.2992, 0.3454



92.6574, 0.2814, 0.3198



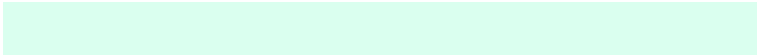
92.6574, 0.3259, 0.3134



92.6574, 0.3451, 0.3368

Sweetspot

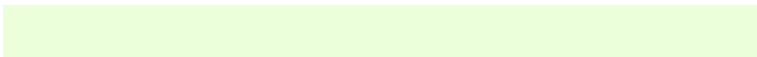
The Sweet Spot groups the original color and five complimentary colors.



92.6613, 0.2992, 0.3454



97.8361, 0.3089, 0.3333



94.0814, 0.3210, 0.3666



20.8564, 0.3082, 0.3341



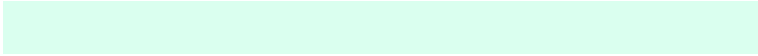
0.0000, 0.0000, 0.0000



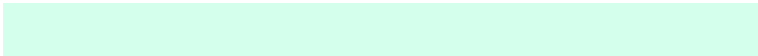
21.4041, 0.3127, 0.3290

Same Dimension

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



92.6613, 0.2992, 0.3454



91.5375, 0.2969, 0.3485



92.0849, 0.2905, 0.3264



20.3411, 0.3038, 0.3395



38.4676, 0.2660, 0.4775



3.7674, 0.2608, 0.4589

Inverse Universe

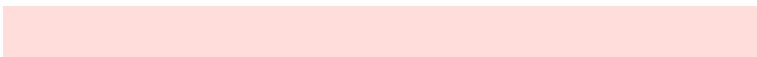
The Inverse Universe completely reimagines the original color for something new.



77.3585, 0.3286, 0.3132



73.9061, 0.3318, 0.3103



77.7698, 0.3395, 0.3316



18.1173, 0.3226, 0.3188



11.7270, 0.5253, 0.2667



1.1632, 0.4964, 0.2508

Previews

White Background



This preview shows how the Yxy color 92.6574, 0.2992, 0.3454 looks on a white background.

Color Contrast Check

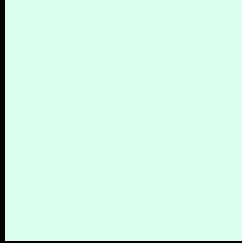
Large Text (above 18pt) WCAG AA × Fail

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 92.6574, 0.2992, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

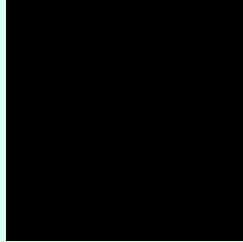
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

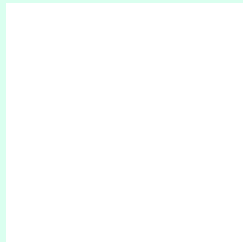
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6574, 0.2992, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 92.6574, 0.2992, 0.3454.

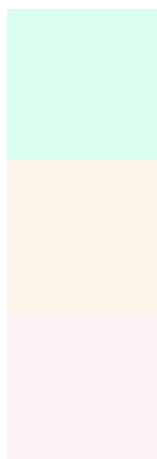


This preview shows how white text looks on a background with the Yxy color 92.6574, 0.2992, 0.3454.

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

92.6574, 0.2992, 0.3454

Protanopia

92.1280, 0.3246, 0.3398

Deuteranopia

92.5539, 0.3193, 0.3281



Tritanopia

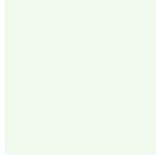
92.7055, 0.3030, 0.3221

Trichromacy



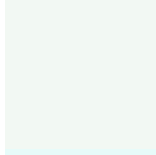
Original Color

92.6574, 0.2992, 0.3454



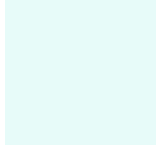
Protanomaly

92.3328, 0.3147, 0.3420



Deuteranomaly

92.4831, 0.3118, 0.3339



Tritanomaly

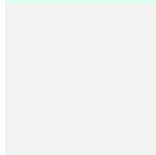
92.8228, 0.3015, 0.3310

Monochromacy



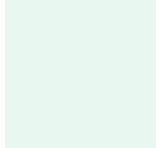
Original Color

92.6574, 0.2992, 0.3454



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1960, 0.3074, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6574, 0.2992, 0.3454 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(218, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 239)  
}
```

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(218, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 239) }
```

Border

The CSS property to change the border of an element to Yxy 92.6574, 0.2992, 0.3454 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(218, 255, 239) }
```

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

```
.border{ border-color:rgb(218, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6574, 0.2992, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 239) }
```

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

```
.background{ background-color: rgb(218,  
255, 239) }
```

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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