

Converting Colors

$Yxy(93.5656, 0.2991, 0.3504)$

Have a look what the booklet for
Yxy(93.5656, 0.2991, 0.3504)
contains.

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Color

Yxy(92.2334, 0.2991, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	D8FFED
RGB	216, 255, 237
RGB Percent	85%, 100%, 93%
CMY	0.1530, 0.0000, 0.0706
CMYK	0.15, 0.00, 0.07, 0.00
HSL	152°, 100%, 92%
HSV	152°, 15%, 100%
XYZ	79.3642, 92.2334, 93.7459
YIQ	241.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

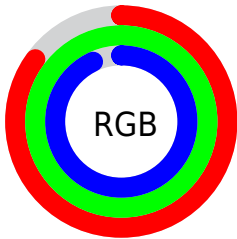
Format	Color
R_{YB}	216, 241, 255
Decimal	14221293
CIE _{Lab}	96.92, -15.87, 4.42
CIE _{LCh}	97, 16.477, 164.453
Y _{xy}	92.2334, 0.2991, 0.3476
Android (android.graphics.Color)	4292411373 (0xFFD8FFED)
YUV	241.2870, -2.1135, -22.1767
Hunter-Lab	96.0382, -20.5577, 9.3520

Details

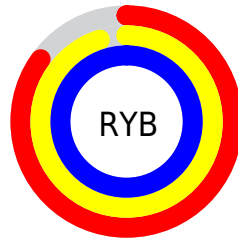
The Yxy color $92.2334, 0.2991, 0.3476$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $76.3089, 0.3288, 0.3111$, and the grayscale version is $88.2269, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.3014, 0.2964, 0.3517$ is the 20% darker color. If you saturate the color by 10%, you get $87.9807, 0.2907, 0.3615$, and if you desaturate by 10%, it is $97.1332, 0.3079, 0.3351$.

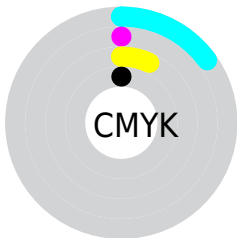
Distribution



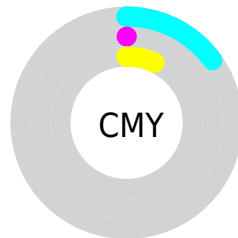
- Red (85%)
- Green (100%)
- Blue (93%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.2334, 0.2991, 0.3476 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 92.2334, 0.2991, 0.3476 by changing the saturation by 10% instead.


 92.2334, 0.2991,
0.3476

 92.2334, 0.2991,
0.3476


535.2695, 0.3052,
0.3392

 69.8345, 0.2978,
0.3495

150.4368, 0.3012,
0.3447

 51.3916, 0.2961,
0.3517


187.0102, 0.3020,
0.3436

 36.5204, 0.2941,
0.3546

229.0771, 0.3027,
0.3426

 24.8364, 0.2914,
0.3582

277.0220, 0.3033,
0.3418

 15.9552, 0.2880,
0.3631

331.2293, 0.3039,
0.3410

 9.4924, 0.2831,
0.3699

392.0834, 0.3044,

 5.0638, 0.2760,

0.3404

0.3800

459.9687, 0.3048,
0.3398

■ 2.2847, 0.2642,
0.3969

■ 0.7656, 0.2086,
0.4695

■ 92.2334, 0.2991,
0.3476

■ 92.2334, 0.2991,
0.3476

■ 87.9807, 0.2907,
0.3615

■ 97.1332, 0.3079,
0.3351

■ 84.3475, 0.2829,
0.3767

100.0000, 0.3127,
0.3290

■ 81.3028, 0.2762,
0.3931

■ 78.8130, 0.2708,
0.4106

■ 76.8413, 0.2671,
0.4287

■ 75.3458, 0.2654,
0.4470

■ 74.2782, 0.2657,
0.4652

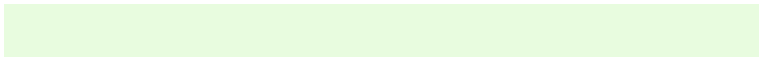
■ 73.5786, 0.2681,
0.4827

■ 73.3371, 0.2696,
0.4906

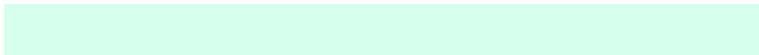
Harmonies

Analogous

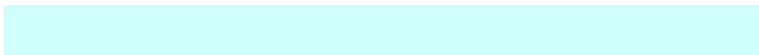
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2334, 0.3173, 0.3587



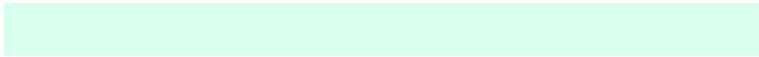
92.2334, 0.2991, 0.3476



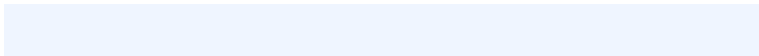
92.2334, 0.2848, 0.3312

Triad

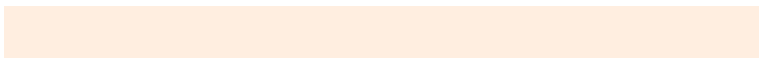
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2334, 0.2991, 0.3476



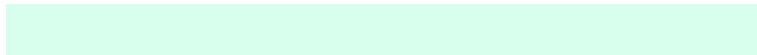
92.2334, 0.2906, 0.2982



92.2334, 0.3488, 0.3416

Complementary

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



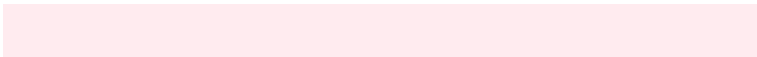
92.2334, 0.2991, 0.3476



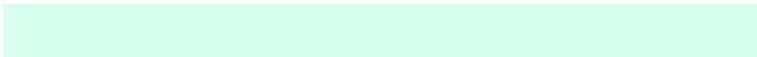
76.3089, 0.3288, 0.3111

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.



92.2334, 0.3412, 0.3259



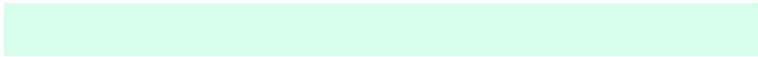
92.2334, 0.2991, 0.3476



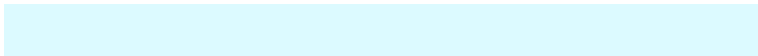
92.2334, 0.3073, 0.3014

Square

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



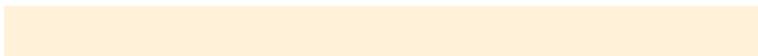
92.2334, 0.2991, 0.3476



92.2334, 0.2801, 0.3028



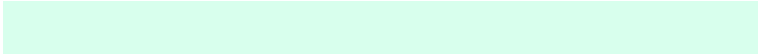
92.2334, 0.3259, 0.3114



92.2334, 0.3463, 0.3546

Rectangle

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



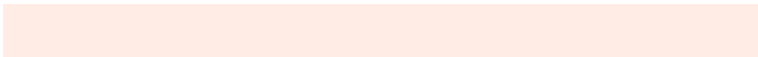
92.2334, 0.2991, 0.3476



92.2334, 0.2793, 0.3199



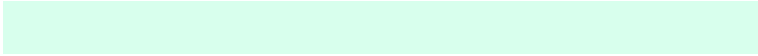
92.2334, 0.3259, 0.3114



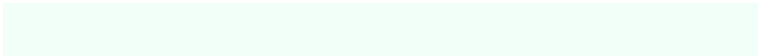
92.2334, 0.3473, 0.3365

Sweetspot

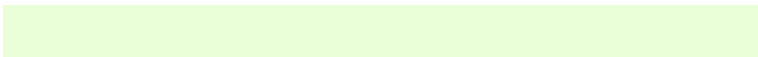
The Sweet Spot groups the original color and five complimentary colors.



92.2331, 0.2991, 0.3476



97.2885, 0.3082, 0.3347



94.0034, 0.3222, 0.3687



20.7451, 0.3076, 0.3356



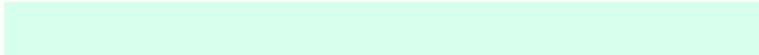
0.0000, 0.0000, 0.0000



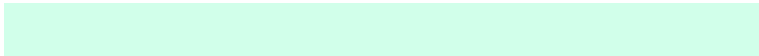
21.4041, 0.3127, 0.3290

Same Dimension

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



92.2331, 0.2991, 0.3476



91.0206, 0.2968, 0.3512



92.5114, 0.2894, 0.3276



20.3318, 0.3042, 0.3402



38.3507, 0.2688, 0.4878



3.7562, 0.2634, 0.4682

Inverse Universe

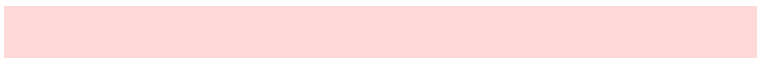
The Inverse Universe completely reimagines the original color for something new.



76.3089, 0.3288, 0.3111



72.6385, 0.3322, 0.3078



75.9956, 0.3414, 0.3304



18.1265, 0.3221, 0.3181



11.8170, 0.5129, 0.2599



1.1724, 0.4854, 0.2448

Previews

White Background



This preview shows how the Yxy color 92.2334, 0.2991, 0.3476 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 92.2334, 0.2991, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

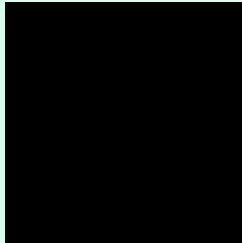
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

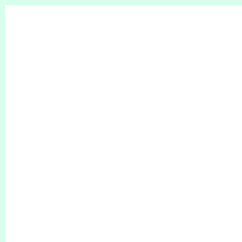
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2334, 0.2991, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 92.2334, 0.2991, 0.3476.

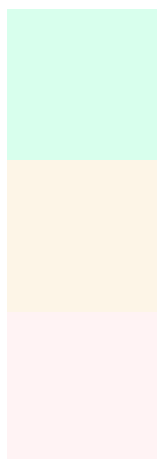


This preview shows how white text looks on a background with the Yxy color 92.2334, 0.2991, 0.3476.

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

92.2334, 0.2991, 0.3476

Protanopia

91.9570, 0.3265, 0.3428

Deuteranopia

91.8928, 0.3199, 0.3281



Tritanopia

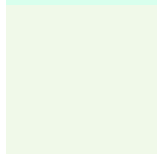
91.7461, 0.3018, 0.3211

Trichromacy



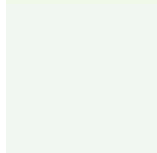
Original Color

92.2334, 0.2991, 0.3476



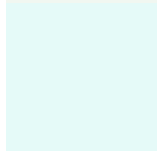
Protanomaly

92.1598, 0.3164, 0.3450



Deuteranomaly

91.5732, 0.3124, 0.3350



Tritanomaly

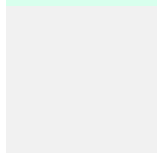
91.8065, 0.3008, 0.3310

Monochromacy



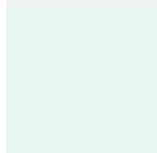
Original Color

92.2334, 0.2991, 0.3476



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3586, 0.3073, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2334, 0.2991, 0.3476 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(216, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 92.2334, 0.2991, 0.3476 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(216, 255, 237) }
```

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

```
.border{ border-color:rgb(216, 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(216, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2334, 0.2991, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 237) }
```

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

```
.background{ background-color: rgb(216,  
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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