

Converting Colors

$Yxy(92.9529, 0.2924, 0.3351)$

Have a look what the booklet for
Yxy(92.9529, 0.2924, 0.3351)
contains.

Yxy(92.9585, 0.2926, 0.3351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.9585, 0.2926, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	D8FFF9
RGB	216, 255, 249
RGB Percent	85%, 100%, 98%
CMY	0.1531, 0.0000, 0.0236
CMYK	0.15, 0.00, 0.02, 0.00
HSL	171°, 100%, 92%
HSV	171°, 15%, 100%
XYZ	81.1688, 92.9585, 103.2780
YIQ	242.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

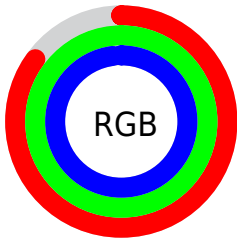
Format	Color
R _Y B	216, 237, 255
Decimal	14221305
CIE Lab	97.21, -13.60, -1.32
CIE LCh	97, 13.668, 185.528
Yxy	92.9585, 0.2926, 0.3351
Android (android.graphics.Color)	4292411385 (0xFFD8FFF9)
YUV	242.6550, 3.1281, -23.3764
Hunter-Lab	96.4150, -18.4526, 3.9801

Details

The Yxy color **92.9585, 0.2926, 0.3351** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.6278, 0.3373, 0.3230**, and the grayscale version is **89.3170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8155, 0.2883, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **89.1240, 0.2804, 0.3395**, and if you desaturate by 10%, it is **97.3897, 0.3056, 0.3310**.

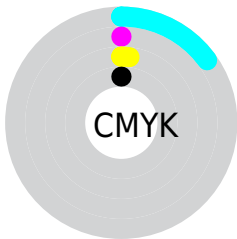
Distribution



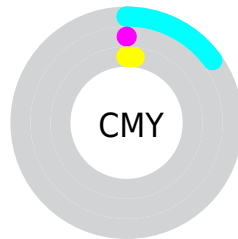
- Red (85%)
- Green (100%)
- Blue (98%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9585, 0.2926, 0.3351 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 92.9585, 0.2926, 0.3351 by changing the saturation by 10% instead.


 92.9585, 0.2926,
0.3351

 92.9585, 0.2926,
0.3351


537.6085, 0.3015,
0.3324

 70.4370, 0.2907,
0.3357


151.4412, 0.2956,
0.3342

 51.8829, 0.2883,
0.3364


188.1711, 0.2968,
0.3339

 36.9117, 0.2854,
0.3372


230.4060, 0.2978,
0.3335

 25.1392, 0.2817,
0.3383

278.5302, 0.2987,
0.3333

 16.1808, 0.2769,
0.3397

332.9282, 0.2995,
0.3330

 9.6522, 0.2703,
0.3416

393.9843, 0.3003,

 5.1689, 0.2606,

0.3328

0.3443

462.0829, 0.3009,
0.3326

2.3467, 0.2454,
0.3484

0.7983, 0.1952,
0.3652

92.9585, 0.2926,
0.3351

92.9585, 0.2926,
0.3351

89.1240, 0.2804,
0.3395

97.3897, 0.3056,
0.3310

85.8750, 0.2693,
0.3443

100.0000, 0.3127,
0.3290

83.1761, 0.2596,
0.3494

80.9948, 0.2516,
0.3547

■ 79.2949, 0.2454,
0.3602

■ 78.0357, 0.2411,
0.3657

■ 77.1696, 0.2389,
0.3712

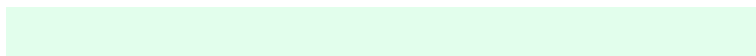
■ 76.6380, 0.2385,
0.3767

■ 76.4644, 0.2387,
0.3793

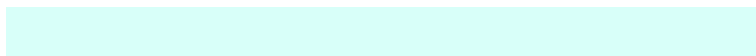
Harmonies

Analogous

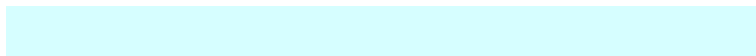
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9585, 0.3058, 0.3477



92.9585, 0.2926, 0.3351



92.9585, 0.2848, 0.3211

Triad

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



92.9585, 0.2926, 0.3351



92.9585, 0.3038, 0.3046



92.9585, 0.3419, 0.3475

Complementary

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



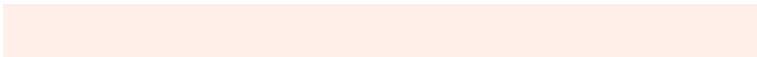
92.9585, 0.2926, 0.3351



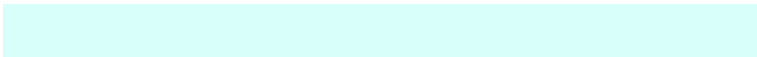
75.6278, 0.3373, 0.3230

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.



92.9585, 0.3415, 0.3358



92.9585, 0.2926, 0.3351



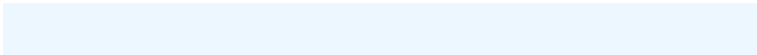
92.9585, 0.3192, 0.3114

Square

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



92.9585, 0.2926, 0.3351



92.9585, 0.2912, 0.3039



92.9585, 0.3331, 0.3227



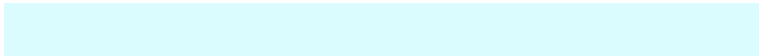
92.9585, 0.3344, 0.3547

Rectangle

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



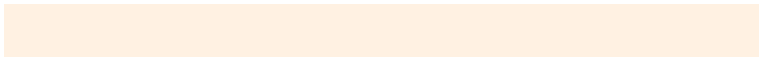
92.9585, 0.2926, 0.3351



92.9585, 0.2836, 0.3130



92.9585, 0.3331, 0.3227



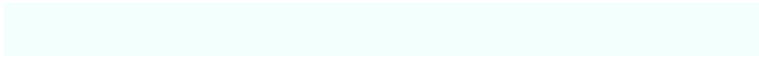
92.9585, 0.3427, 0.3440

Sweetspot

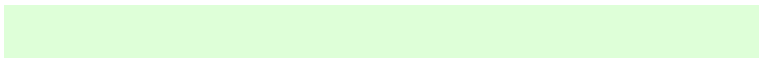
The Sweet Spot groups the original color and five complimentary colors.



92.9530, 0.2926, 0.3351



97.5357, 0.3060, 0.3309



92.0806, 0.3148, 0.3697



20.8053, 0.3051, 0.3312



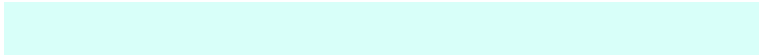
0.0000, 0.0000, 0.0000



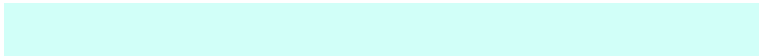
21.4041, 0.3127, 0.3290

Same Dimension

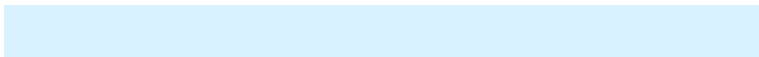
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9530, 0.2926, 0.3351



91.8631, 0.2892, 0.3363



85.3118, 0.2889, 0.3155



20.4306, 0.3001, 0.3327



39.9724, 0.2384, 0.3784



3.9044, 0.2367, 0.3721

Inverse Universe

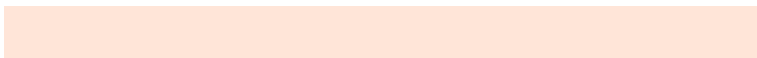
The Inverse Universe completely reimagines the original color for something new.



75.6278, 0.3373, 0.3230



71.8765, 0.3425, 0.3219



82.2429, 0.3396, 0.3421



18.0327, 0.3270, 0.3254



11.1997, 0.6190, 0.3183



1.1031, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 92.9585, 0.2926, 0.3351 looks on a white background.

Color Contrast Check

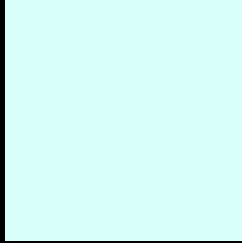
Large Text (above 18pt) WCAG AA × Fail

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 92.9585, 0.2926, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

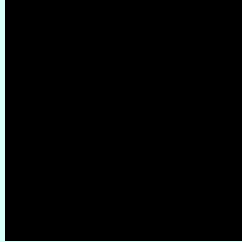
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

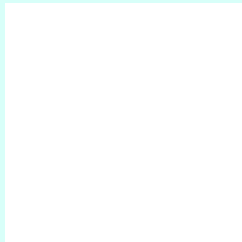
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9585, 0.2926, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 92.9585, 0.2926, 0.3351.

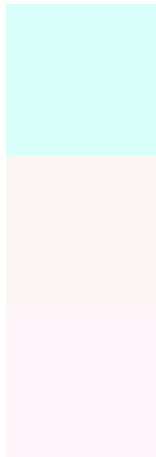


This preview shows how white text looks on a background with the Yxy color 92.9585, 0.2926, 0.3351.

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

92.9585, 0.2926, 0.3351

Protanopia

92.2851, 0.3178, 0.3310

Deuteranopia

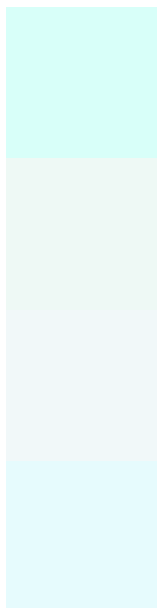
92.8009, 0.3168, 0.3242



Tritanopia

92.5319, 0.3024, 0.3221

Trichromacy



Original Color

92.9585, 0.2926, 0.3351

Protanomaly

92.5211, 0.3081, 0.3330

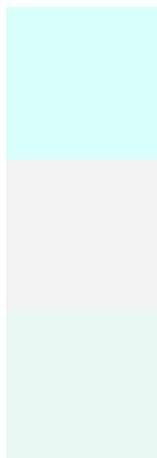
Deuteranomaly

92.6751, 0.3077, 0.3280

Tritanomaly

92.9092, 0.2986, 0.3270

Monochromacy



Original Color

92.9585, 0.2926, 0.3351

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.4377, 0.3050, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9585, 0.2926, 0.3351 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 92.9585, 0.2926, 0.3351 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, 249) }
```

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

```
.border{ border-color:rgb(216, 255, 249) }
```

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, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9585, 0.2926, 0.3351 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, 249) }
```

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

```
.background{ background-color: rgb(216,  
255, 249) }
```

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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