

Converting Colors

$Yxy(92.3473, 0.2981, 0.3456)$

Have a look what the booklet for
Yxy(92.3473, 0.2981, 0.3456)
contains.

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Color

Yxy(92.3509, 0.2980, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	D8FFEF
RGB	216, 255, 239
RGB Percent	85%, 100%, 94%
CMY	0.1530, 0.0000, 0.0627
CMYK	0.15, 0.00, 0.06, 0.00
HSL	155°, 100%, 92%
HSV	155°, 15%, 100%
XYZ	79.6543, 92.3509, 95.2912
YIQ	241.5150, -18.1080, -13.2440

Conversions

Conversions Part 2

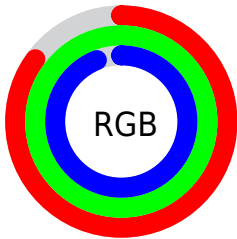
Format	Color
R _Y B	216, 241, 255
Decimal	14221295
CIE Lab	96.96, -15.51, 3.46
CIE LCh	97, 15.889, 167.425
Yxy	92.3509, 0.2980, 0.3455
Android (android.graphics.Color)	4292411375 (0xFFD8FFEF)
YUV	241.5150, -1.2399, -22.3767
Hunter-Lab	96.0994, -20.2198, 8.4782

Details

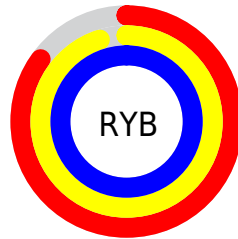
The Yxy color **92.3509, 0.2980, 0.3455** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1859, 0.3302, 0.3131**, and the grayscale version is **88.4053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3841, 0.2950, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **88.1612, 0.2889, 0.3578**, and if you desaturate by 10%, it is **97.1734, 0.3075, 0.3344**.

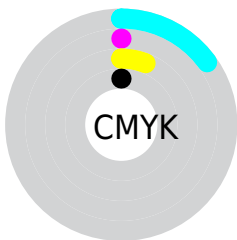
Distribution



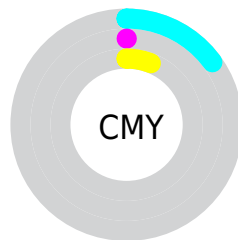
- Red (85%)
- Green (100%)
- Blue (94%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3509, 0.2980, 0.3455 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 92.3509, 0.2980, 0.3455 by changing the saturation by 10% instead.

 92.3509, 0.2980,
0.3455

 92.3509, 0.2980,
0.3455

535.6489, 0.3046,
0.3381

 69.9321, 0.2966,
0.3471

150.5996, 0.3002,
0.3430

 51.4712, 0.2948,
0.3491


187.1984, 0.3011,
0.3420

 36.5837, 0.2926,
0.3516


229.2926, 0.3019,
0.3411

 24.8854, 0.2898,
0.3548


277.2666, 0.3026,
0.3404

 15.9917, 0.2861,
0.3591

331.5048, 0.3031,
0.3397

 9.5183, 0.2810,
0.3650

392.3917, 0.3037,

 5.0807, 0.2734,

0.3391

0.3739

460.3116, 0.3041,
0.3386

■ 2.2947, 0.2611,
0.3885

■ 0.7709, 0.2056,
0.4475

■ 92.3509, 0.2980,
0.3455

■ 92.3509, 0.2980,
0.3455

■ 88.1612, 0.2889,
0.3578

■ 97.1734, 0.3075,
0.3344

■ 84.5843, 0.2806,
0.3712

100.0000, 0.3127,
0.3290

■ 81.5870, 0.2733,
0.3856

■ 79.1362, 0.2675,
0.4010

■ 77.1950, 0.2634,
0.4169

■ 75.7221, 0.2612,
0.4331

■ 74.6694, 0.2612,
0.4493

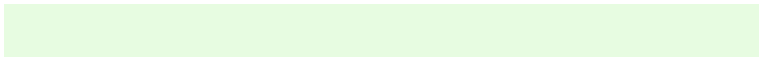
■ 73.9775, 0.2631,
0.4650

■ 73.7373, 0.2645,
0.4722

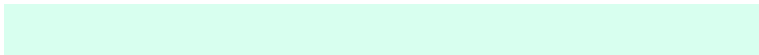
Harmonies

Analogous

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



92.3509, 0.3154, 0.3569



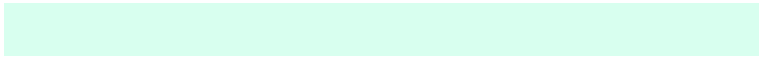
92.3509, 0.2980, 0.3455



92.3509, 0.2848, 0.3295

Triad

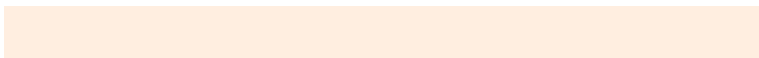
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3509, 0.2980, 0.3455



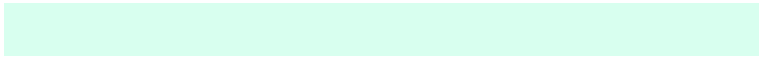
92.3509, 0.2928, 0.2992



92.3509, 0.3477, 0.3426

Complementary

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



92.3509, 0.2980, 0.3455



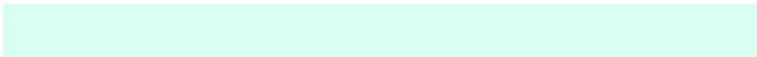
76.1859, 0.3302, 0.3131

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.



92.3509, 0.3413, 0.3275



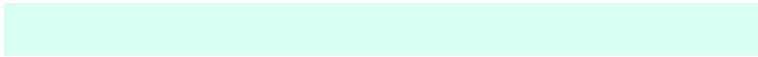
92.3509, 0.2980, 0.3455



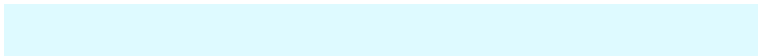
92.3509, 0.3093, 0.3030

Square

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



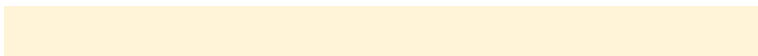
92.3509, 0.2980, 0.3455



92.3509, 0.2819, 0.3030



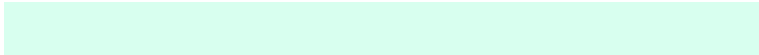
92.3509, 0.3271, 0.3133



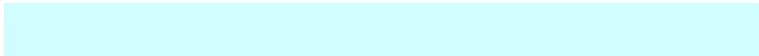
92.3509, 0.3443, 0.3546

Rectangle

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



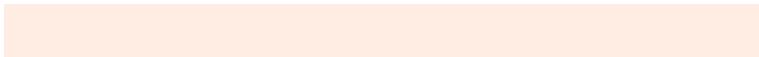
92.3509, 0.2980, 0.3455



92.3509, 0.2800, 0.3187



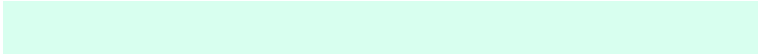
92.3509, 0.3271, 0.3133



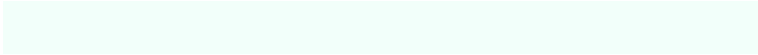
92.3509, 0.3466, 0.3377

Sweetspot

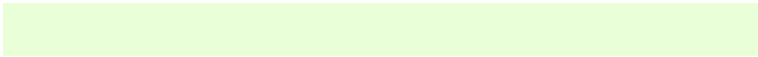
The Sweet Spot groups the original color and five complimentary colors.



92.3481, 0.2980, 0.3455



97.3295, 0.3078, 0.3341



93.6725, 0.3210, 0.3689



20.7550, 0.3072, 0.3348



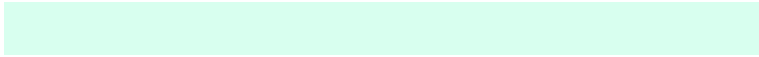
0.0000, 0.0000, 0.0000



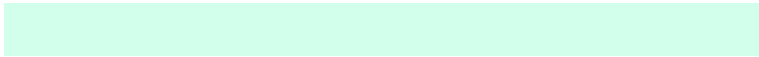
21.4041, 0.3127, 0.3290

Same Dimension

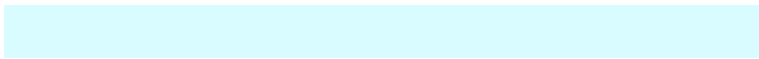
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3481, 0.2980, 0.3455



91.1568, 0.2955, 0.3487



91.2786, 0.2893, 0.3256



20.3481, 0.3035, 0.3389



38.5597, 0.2638, 0.4697



3.7761, 0.2589, 0.4519

Inverse Universe

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



76.1859, 0.3302, 0.3131



72.5067, 0.3339, 0.3101



77.0006, 0.3411, 0.3324



18.1105, 0.3230, 0.3193



11.6646, 0.5343, 0.2717



1.1568, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 92.3509, 0.2980, 0.3455 looks on a white background.

Color Contrast Check

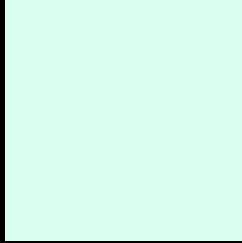
Large Text (above 18pt) WCAG AA × Fail

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 92.3509, 0.2980, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

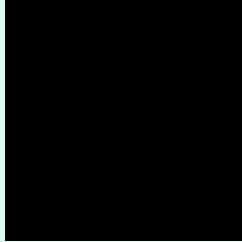
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

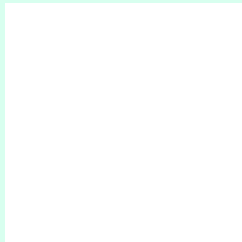
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3509, 0.2980, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 92.3509, 0.2980, 0.3455.

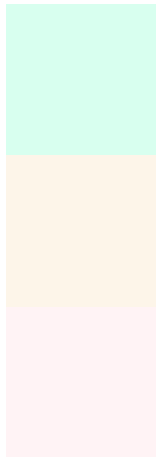


This preview shows how white text looks on a background with the Yxy color 92.3509, 0.2980, 0.3455.

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

92.3509, 0.2980, 0.3455

Protanopia

92.0707, 0.3252, 0.3408

Deuteranopia

91.9538, 0.3193, 0.3271



Tritanopia

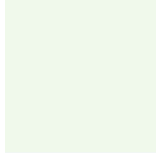
91.7461, 0.3018, 0.3211

Trichromacy



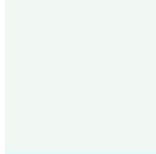
Original Color

92.3509, 0.2980, 0.3455



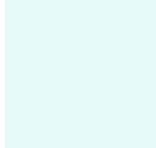
Protanomaly

92.2748, 0.3152, 0.3430



Deuteranomaly

91.6934, 0.3113, 0.3330



Tritanomaly

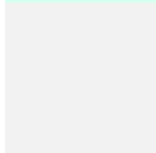
91.8688, 0.3003, 0.3300

Monochromacy



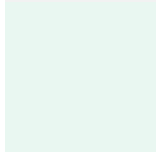
Original Color

92.3509, 0.2980, 0.3455



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 92.3509, 0.2980, 0.3455 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 239) }
```

Border

The CSS property to change the border of an element to Yxy 92.3509, 0.2980, 0.3455 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, 239) }
```

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

```
.border{ border-color:rgb(216, 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(216, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3509, 0.2980, 0.3455 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, 239) }
```

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

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