

Converting Colors

$Yxy(94.1764, 0.2972, 0.3478)$

Have a look what the booklet for
Yxy(94.1764, 0.2972, 0.3478)
contains.

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Color

Yxy(92.2583, 0.2969, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFF0
RGB	215, 255, 240
RGB Percent	84%, 100%, 94%
CMY	0.1568, 0.0000, 0.0589
CMYK	0.16, 0.00, 0.06, 0.00
HSL	157°, 100%, 92%
HSV	157°, 16%, 100%
XYZ	79.5109, 92.2583, 96.0343
YIQ	241.3300, -19.0250, -13.1450

Conversions

Conversions Part 2

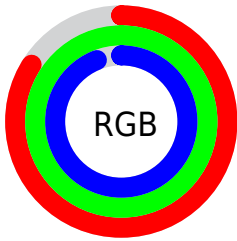
Format	Color
R _Y B	215, 240, 255
Decimal	14155760
CIE Lab	96.93, -15.63, 2.90
CIE LCh	97, 15.894, 169.494
Yxy	92.2583, 0.2969, 0.3445
Android (android.graphics.Color)	4292345840 (0xFFD7FFF0)
YUV	241.3300, -0.6557, -23.0914
Hunter-Lab	96.0512, -20.3279, 7.9562

Details

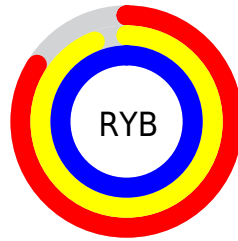
The Yxy color **92.2583, 0.2969, 0.3445** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.5806, 0.3317, 0.3140**, and the grayscale version is **88.2522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3224, 0.2936, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **88.1394, 0.2874, 0.3557**, and if you desaturate by 10%, it is **97.0088, 0.3069, 0.3343**.

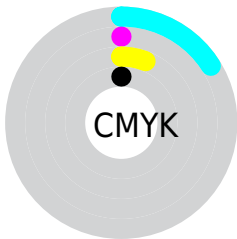
Distribution



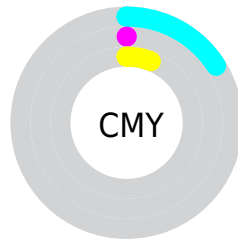
- Red (84%)
- Green (100%)
- Blue (94%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2583, 0.2969, 0.3445 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 92.2583, 0.2969, 0.3445 by changing the saturation by 10% instead.

 92.2583, 0.2969,
0.3445

 92.2583, 0.2969,
0.3445


535.3500, 0.3039,
0.3376

 69.8552, 0.2953,
0.3460

150.4713, 0.2993,
0.3421

 51.4085, 0.2935,
0.3479


187.0501, 0.3002,
0.3412

 36.5338, 0.2911,
0.3502


229.1228, 0.3011,
0.3404

 24.8467, 0.2881,
0.3532

277.0739, 0.3018,
0.3397

 15.9629, 0.2842,
0.3572

331.2877, 0.3024,
0.3391

 9.4979, 0.2787,
0.3628

392.1488, 0.3030,

 5.0674, 0.2706,

0.3385

0.3710

460.0414, 0.3035,
0.3380

■ 2.2868, 0.2576,
0.3846

■ 0.7667, 0.1989,
0.4391

■ 92.2583, 0.2969,
0.3445

■ 92.2583, 0.2969,
0.3445

■ 88.1394, 0.2874,
0.3557

■ 97.0088, 0.3069,
0.3343

■ 84.6240, 0.2787,
0.3680

100.0000, 0.3127,
0.3290

■ 81.6817, 0.2712,
0.3812

■ 79.2792, 0.2651,
0.3951

■ 77.3798, 0.2608,
0.4097

■ 75.9422, 0.2584,
0.4244

■ 74.9180, 0.2582,
0.4392

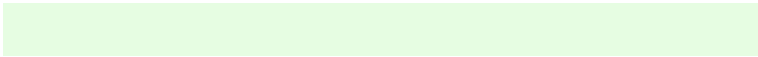
■ 74.2475, 0.2599,
0.4536

■ 74.0300, 0.2610,
0.4597

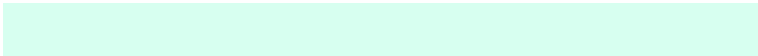
Harmonies

Analogous

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



92.2583, 0.3141, 0.3564



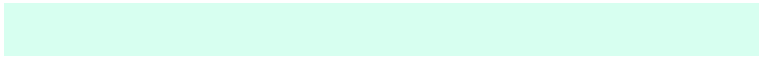
92.2583, 0.2969, 0.3445



92.2583, 0.2841, 0.3283

Triad

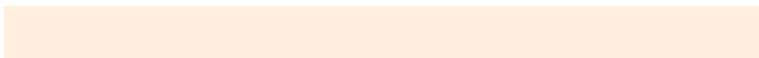
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2583, 0.2969, 0.3445



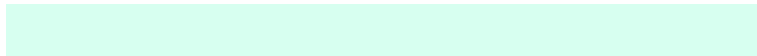
92.2583, 0.2938, 0.2992



92.2583, 0.3478, 0.3436

Complementary

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



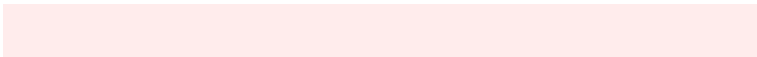
92.2583, 0.2969, 0.3445



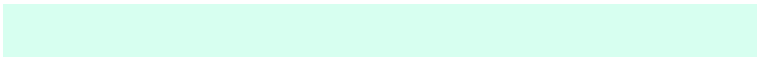
75.5806, 0.3317, 0.3140

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.



92.2583, 0.3421, 0.3286



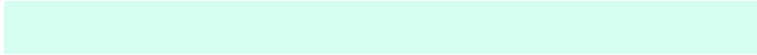
92.2583, 0.2969, 0.3445



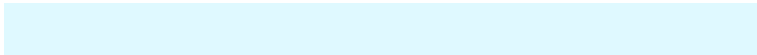
92.2583, 0.3105, 0.3035

Square

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



92.2583, 0.2969, 0.3445



92.2583, 0.2824, 0.3025



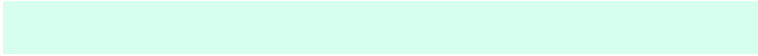
92.2583, 0.3283, 0.3142



92.2583, 0.3438, 0.3553

Rectangle

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



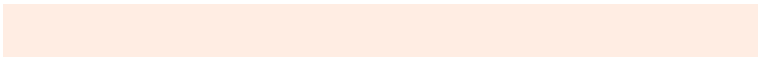
92.2583, 0.2969, 0.3445



92.2583, 0.2797, 0.3177



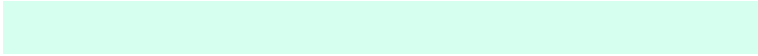
92.2583, 0.3283, 0.3142



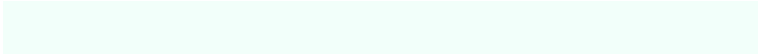
92.2583, 0.3469, 0.3387

Sweetspot

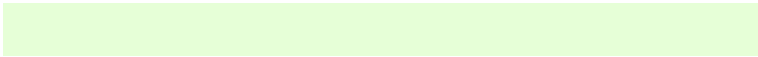
The Sweet Spot groups the original color and five complimentary colors.



92.2582, 0.2969, 0.3445



97.3568, 0.3076, 0.3337



93.3059, 0.3204, 0.3701



20.7617, 0.3069, 0.3343



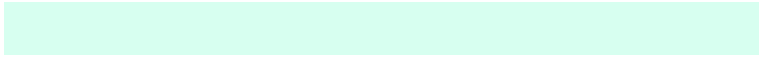
0.0000, 0.0000, 0.0000



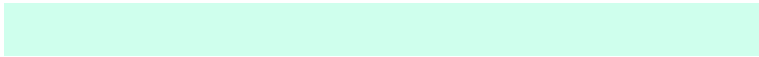
21.4041, 0.3127, 0.3290

Same Dimension

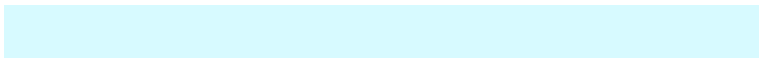
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2582, 0.2969, 0.3445



90.8232, 0.2937, 0.3481



90.2477, 0.2887, 0.3242



20.3589, 0.3030, 0.3381



38.7122, 0.2604, 0.4574



3.7905, 0.2558, 0.4410

Inverse Universe

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



75.5806, 0.3317, 0.3140



71.0907, 0.3365, 0.3107



77.1826, 0.3417, 0.3338



18.1000, 0.3235, 0.3201



11.5748, 0.5482, 0.2794



1.1474, 0.5173, 0.2623

Previews

White Background



This preview shows how the Yxy color 92.2583, 0.2969, 0.3445 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 92.2583, 0.2969, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

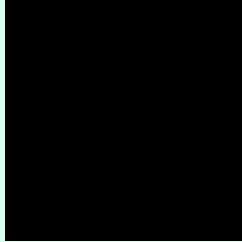
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

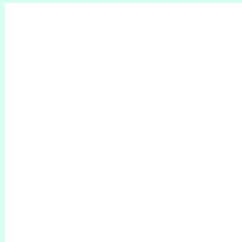
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2583, 0.2969, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 92.2583, 0.2969, 0.3445.

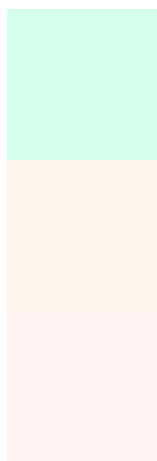


This preview shows how white text looks on a background with the Yxy color 92.2583, 0.2969, 0.3445.

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

92.2583, 0.2969, 0.3445

Protanopia

92.1280, 0.3246, 0.3398

Deuteranopia

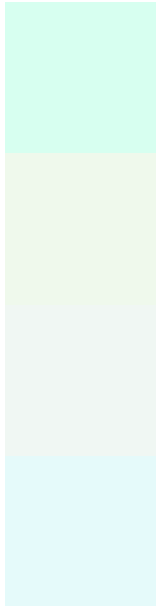
91.9538, 0.3193, 0.3271



Tritanopia

91.7461, 0.3018, 0.3211

Trichromacy



Original Color

92.2583, 0.2969, 0.3445

Protanomaly

92.1582, 0.3140, 0.3420

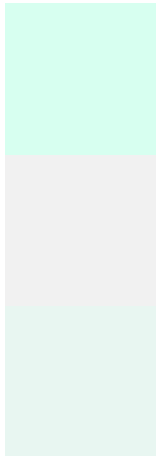
Deuteranomaly

91.5179, 0.3106, 0.3330

Tritanomaly

91.9314, 0.2997, 0.3290

Monochromacy



Original Color

92.2583, 0.2969, 0.3445

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

89.4182, 0.3068, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2583, 0.2969, 0.3445 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(215, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 240)  
}
```

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(215, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 92.2583, 0.2969, 0.3445 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(215, 255, 240) }
```

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

```
.border{ border-color:rgb(215, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2583, 0.2969, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 240) }
```

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

```
.background{ background-color: rgb(215,  
255, 240) }
```

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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