

Converting Colors

$Yxy(95.0741, 0.2984, 0.3414)$

Have a look what the booklet for
Yxy(95.0741, 0.2984, 0.3414)
contains.

Yxy(93.6422, 0.2983, 0.3391)	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(93.6422, 0.2983, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	DEFFF5
RGB	222, 255, 245
RGB Percent	87%, 100%, 96%
CMY	0.1293, 0.0000, 0.0391
CMYK	0.13, 0.00, 0.04, 0.00
HSL	162°, 100%, 94%
HSV	162°, 13%, 100%
XYZ	82.3753, 93.6422, 100.1317
YIQ	243.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

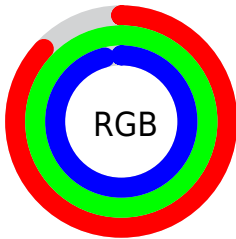
Format	Color
R _Y B	222, 241, 255
Decimal	14614517
CIE Lab	97.49, -12.46, 1.18
CIE LCh	97, 12.514, 174.604
Yxy	93.6422, 0.2983, 0.3391
Android (android.graphics.Color)	4292804597 (0xFFDEFFF5)
YUV	243.9930, 0.4965, -19.2879
Hunter-Lab	96.7689, -17.3960, 6.3878

Details

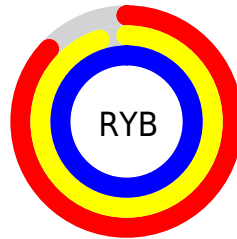
The Yxy color **93.6422, 0.2983, 0.3391** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3480, 0.3295, 0.3191**, and the grayscale version is **90.4747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2778, 0.2953, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **89.4569, 0.2877, 0.3479**, and if you desaturate by 10%, it is **98.4640, 0.3094, 0.3312**.

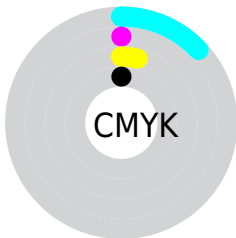
Distribution



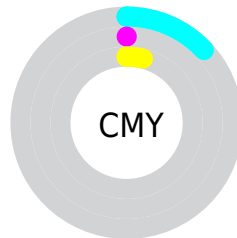
- Red (87%)
- Green (100%)
- Blue (96%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.6422, 0.2983, 0.3391 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 93.6422, 0.2983, 0.3391 by changing the saturation by 10% instead.

 93.6422, 0.2983,
0.3391

 93.6422, 0.2983,
0.3391


539.8089, 0.3047,
0.3346

 71.0054, 0.2969,
0.3401


152.3874, 0.3005,
0.3376

 52.3466, 0.2952,
0.3413

189.2646, 0.3013,
0.3370

 37.2814, 0.2931,
0.3428


231.6574, 0.3021,
0.3365

 25.4255, 0.2904,
0.3447

279.9502, 0.3027,
0.3360

 16.3943, 0.2869,
0.3472

334.5273, 0.3033,
0.3356

 9.8036, 0.2821,
0.3506

395.7732, 0.3038,

 5.2689, 0.2750,

0.3352

0.3557

464.0723, 0.3043,
0.3349

■ 2.4059, 0.2638,
0.3638

■ 0.8289, 0.2268,
0.3886

■ 93.6422, 0.2983,
0.3391

■ 93.6422, 0.2983,
0.3391

■ 89.4569, 0.2877,
0.3479

■ 98.4640, 0.3094,
0.3312

■ 85.8687, 0.2780,
0.3574

99.9972, 0.3127,
0.3290

■ 82.8522, 0.2693,
0.3677

■ 80.3751, 0.2622,
0.3785

■ 78.4020, 0.2567,
0.3899

■ 76.8933, 0.2532,
0.4015

■ 75.8031, 0.2517,
0.4132

■ 75.0758, 0.2523,
0.4248

■ 74.7234, 0.2536,
0.4329

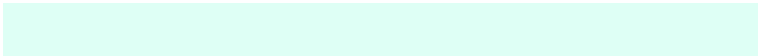
Harmonies

Analogous

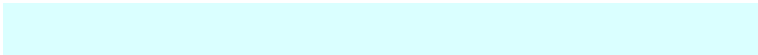
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6422, 0.3115, 0.3491



93.6422, 0.2983, 0.3391



93.6422, 0.2891, 0.3264

Triad

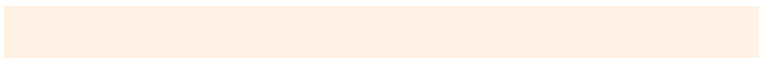
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.6422, 0.2983, 0.3391



93.6422, 0.2999, 0.3057



93.6422, 0.3401, 0.3424

Complementary

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



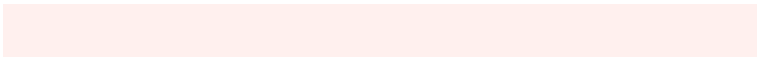
93.6422, 0.2983, 0.3391



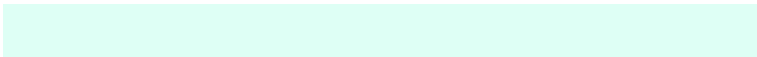
79.3480, 0.3295, 0.3191

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.



93.6422, 0.3369, 0.3309



93.6422, 0.2983, 0.3391



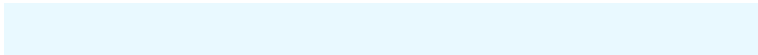
93.6422, 0.3135, 0.3100

Square

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



93.6422, 0.2983, 0.3391



93.6422, 0.2900, 0.3073



93.6422, 0.3271, 0.3191



93.6422, 0.3358, 0.3507

Rectangle

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



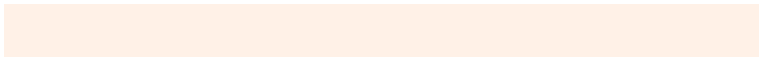
93.6422, 0.2983, 0.3391



93.6422, 0.2863, 0.3183



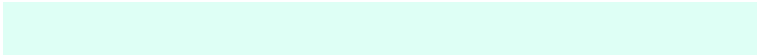
93.6422, 0.3271, 0.3191



93.6422, 0.3399, 0.3388

Sweetspot

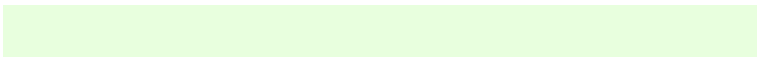
The Sweet Spot groups the original color and five complimentary colors.



93.6461, 0.2983, 0.3391



97.9192, 0.3082, 0.3320



94.0282, 0.3176, 0.3626



20.8775, 0.3073, 0.3326



0.0000, 0.0000, 0.0000



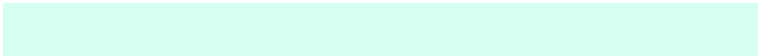
21.4041, 0.3127, 0.3290

Same Dimension

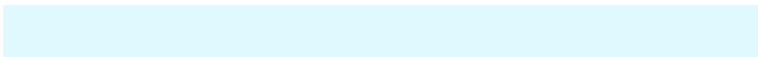
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6461, 0.2983, 0.3391



92.2961, 0.2950, 0.3417



90.4774, 0.2927, 0.3228



20.3823, 0.3021, 0.3363



39.0739, 0.2530, 0.4310



3.8239, 0.2494, 0.4178

Inverse Universe

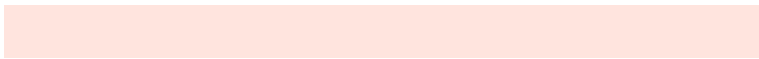
The Inverse Universe completely reimagines the original color for something new.



79.3480, 0.3295, 0.3191



74.9758, 0.3343, 0.3167



82.0652, 0.3356, 0.3351



18.0776, 0.3246, 0.3218



11.4133, 0.5759, 0.2946



1.1297, 0.5439, 0.2770

Previews

White Background



This preview shows how the Yxy color 93.6422, 0.2983, 0.3391 looks on a white background.

Color Contrast Check

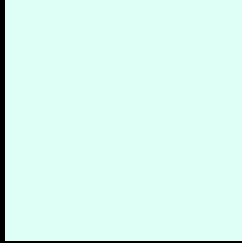
Large Text (above 18pt) WCAG AA × Fail

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 93.6422, 0.2983, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

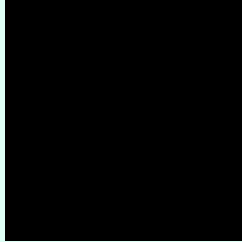
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

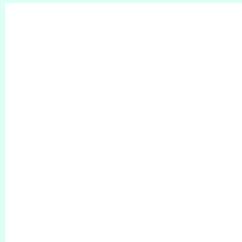
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.6422, 0.2983, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 93.6422, 0.2983, 0.3391.

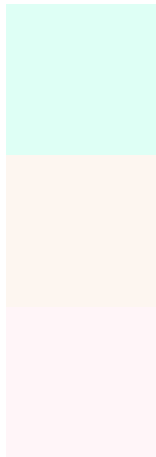


This preview shows how white text looks on a background with the Yxy color 93.6422, 0.2983, 0.3391.

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

93.6422, 0.2983, 0.3391

Protanopia

93.0855, 0.3209, 0.3349

Deuteranopia

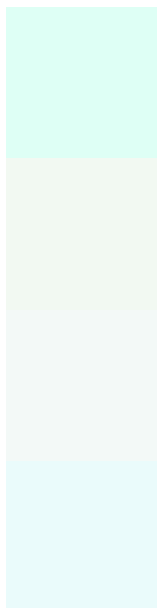
93.3421, 0.3174, 0.3261



Tritanopia

93.6721, 0.3042, 0.3231

Trichromacy



Original Color

93.6422, 0.2983, 0.3391

Protanomaly

93.0394, 0.3124, 0.3359

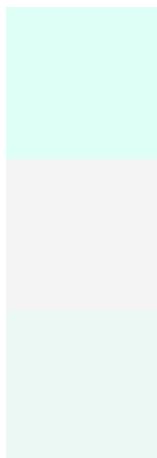
Deuteranomaly

93.5215, 0.3101, 0.3310

Tritanomaly

93.4518, 0.3022, 0.3290

Monochromacy



Original Color

93.6422, 0.2983, 0.3391

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4993, 0.3075, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6422, 0.2983, 0.3391 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(222, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 245)  
}
```

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(222, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 93.6422, 0.2983, 0.3391 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(222, 255, 245) }
```

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

```
.border{ border-color:rgb(222, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(222, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6422, 0.2983, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 245) }
```

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

```
.background{ background-color: rgb(222,  
255, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor