

Converting Colors

$Y_{xy}(100.0000, 0.2541, 0.2542)$

Have a look what the booklet for
Yxy(100.0000, 0.2541, 0.2542)
contains.

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Color

Yxy(93.7916, 0.2934, 0.3279)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DFFEFF |
| RGB | 223, 254, 255 |
| RGB Percent | 87%, 100%, 100% |
| CMY | 0.1256, 0.0039, 0.0000 |
| CMYK | 0.13, 0.00, 0.00, 0.00 |
| HSL | 182°, 100%, 94% |
| HSV | 182°, 13%, 100% |
| XYZ | 83.9233, 93.7916, 108.3223 |
| YIQ | 244.8450, -18.7970, -6.2610 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 239, 255 |
| Decimal | 14679807 |
| CIE Lab | 97.55, -9.75, -3.88 |
| CIE LCh | 98, 10.496, 201.717 |
| Yxy | 93.7916, 0.2934, 0.3279 |
| Android (android.graphics.Color) | 4292869887 (0xFFDFFEFF) |
| YUV | 244.8450, 5.0064, -19.1581 |
| Hunter-Lab | 96.8461, -14.7989, 1.4764 |

Details

The Yxy color **93.7916, 0.2934, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8834, 0.3355, 0.3301**, and the grayscale version is **91.1475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3346, 0.2899, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **89.5423, 0.2790, 0.3270**, and if you desaturate by 10%, it is **98.6553, 0.3087, 0.3288**.

Distribution



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



- Red (87%)
- Yellow (94%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7916, 0.2934, 0.3279 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 93.7916, 0.2934, 0.3279 by changing the saturation by 10% instead.


 93.7916, 0.2934,
0.3279

 93.7916, 0.2934,
0.3279

540.2891, 0.3019,
0.3285

 71.1296, 0.2916,
0.3278


152.5941, 0.2963,
0.3281

 52.4480, 0.2893,
0.3276


189.5034, 0.2974,
0.3282

 37.3623, 0.2866,
0.3274


231.9306, 0.2984,
0.3282

 25.4881, 0.2831,
0.3271

280.2602, 0.2993,
0.3283

 16.4411, 0.2785,
0.3267

334.8764, 0.3000,
0.3283

 9.8368, 0.2722,
0.3260

396.1637, 0.3007,

 5.2909, 0.2632,

0.3284

0.3250

464.5065, 0.3013,
0.3284

■ 2.4189, 0.2491,
0.3232

■ 0.8356, 0.2148,
0.3226

■ 93.7916, 0.2934,
0.3279

■ 93.7916, 0.2934,
0.3279

■ 89.5423, 0.2790,
0.3270

■ 98.6553, 0.3087,
0.3288

■ 85.8766, 0.2658,
0.3261

100.0000, 0.3127,
0.3290

■ 82.7664, 0.2540,
0.3251

■ 80.1801, 0.2440,
0.3240

■ 78.0826, 0.2358,
0.3230

■ 76.4347, 0.2296,
0.3219

■ 75.1909, 0.2254,
0.3208

■ 74.2965, 0.2229,
0.3198

■ 73.7975, 0.2220,
0.3191

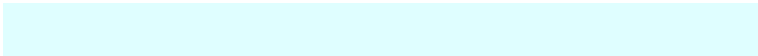
Harmonies

Analogous

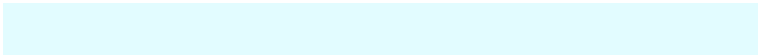
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7916, 0.3016, 0.3384



93.7916, 0.2934, 0.3279



93.7916, 0.2903, 0.3179

Triad

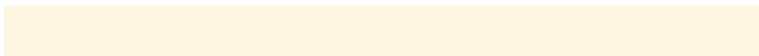
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7916, 0.2934, 0.3279



93.7916, 0.3123, 0.3125



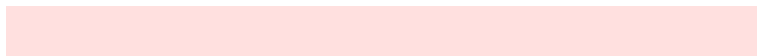
93.7916, 0.3326, 0.3468

Complementary

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



93.7916, 0.2934, 0.3279



79.8834, 0.3355, 0.3301

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.



93.7916, 0.3357, 0.3395



93.7916, 0.2934, 0.3279



93.7916, 0.3238, 0.3198

Square

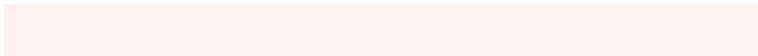
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



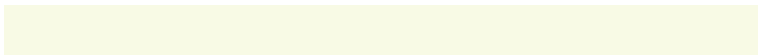
93.7916, 0.2934, 0.3279



93.7916, 0.3010, 0.3093



93.7916, 0.3324, 0.3296



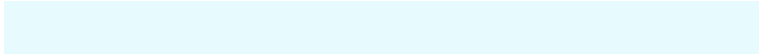
93.7916, 0.3242, 0.3494

Rectangle

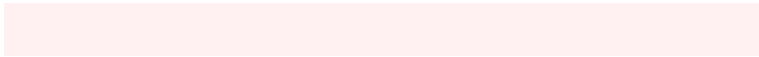
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.7916, 0.2934, 0.3279



93.7916, 0.2915, 0.3130



93.7916, 0.3324, 0.3296



93.7916, 0.3343, 0.3448

Sweetspot

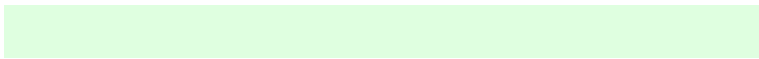
The Sweet Spot groups the original color and five complimentary colors.



93.7928, 0.2934, 0.3279



97.9149, 0.3065, 0.3287



92.5602, 0.3109, 0.3616



20.8763, 0.3053, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

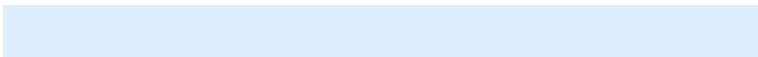
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7928, 0.2934, 0.3279



92.6989, 0.2898, 0.3277



84.3198, 0.2930, 0.3121



20.3791, 0.2980, 0.3282



38.6040, 0.2220, 0.3192



3.7879, 0.2223, 0.3204

Inverse Universe

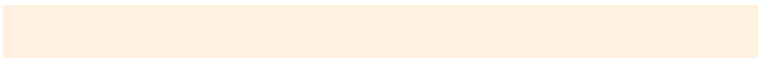
The Inverse Universe completely reimagines the original color for something new.



81.1808, 0.3148, 0.2989



77.9007, 0.3152, 0.2929



88.6267, 0.3335, 0.3454



18.2901, 0.3143, 0.3063



14.6251, 0.3288, 0.1585



1.4269, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 93.7916, 0.2934, 0.3279 looks on a white background.

Color Contrast Check

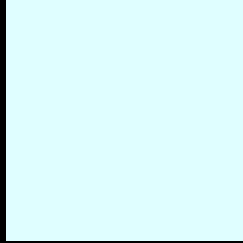
Large Text (above 18pt) WCAG AA × Fail

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 93.7916, 0.2934, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

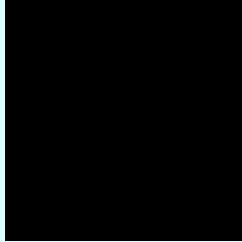
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7916, 0.2934, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 93.7916, 0.2934, 0.3279.



This preview shows how white text looks on a background with the Yxy color 93.7916, 0.2934, 0.3279.

Color Blindness Simulation

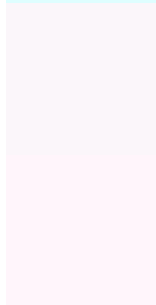
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93.7916, 0.2934, 0.3279



Protanopia

93.3229, 0.3135, 0.3251

Deuteranopia

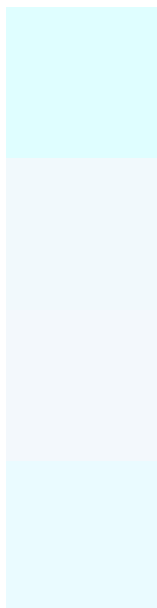
93.5299, 0.3156, 0.3232



Tritanopia

93.6721, 0.3042, 0.3231

Trichromacy



Original Color

93.7916, 0.2934, 0.3279

Protanomaly

93.4804, 0.3060, 0.3260

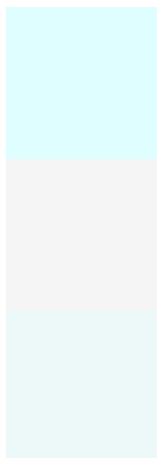
Deuteranomaly

93.2178, 0.3072, 0.3251

Tritanomaly

93.7068, 0.2999, 0.3250

Monochromacy



Original Color

93.7916, 0.2934, 0.3279

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.9789, 0.3052, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7916, 0.2934, 0.3279 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(223, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 254, 255)  
}
```

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(223, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 254, 255) }
```

Border

The CSS property to change the border of an element to Yxy 93.7916, 0.2934, 0.3279 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(223, 254, 255) }
```

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

```
.border{ border-color:rgb(223, 254, 255) }
```

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

Here you see how a box with a 4 pixel rgb(223, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 254,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7916, 0.2934, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 254, 255) }
```

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

```
.background{ background-color: rgb(223,  
254, 255) }
```

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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