

Converting Colors

$Y_{xy}(100.0000, 0.2934, 0.3417)$

Have a look what the booklet for
Yxy(100.0000, 0.2934, 0.3417)
contains.

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Color

Yxy(93.7639, 0.2933, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	DCFFFC
RGB	220, 255, 252
RGB Percent	86%, 100%, 99%
CMY	0.1374, 0.0000, 0.0118
CMYK	0.14, 0.00, 0.01, 0.00
HSL	175°, 100%, 93%
HSV	175°, 14%, 100%
XYZ	82.8342, 93.7639, 105.8233
YIQ	244.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

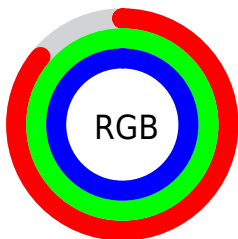
Format	Color
R _Y B	220, 238, 255
Decimal	14483452
CIE Lab	97.54, -11.79, -2.36
CIE LCh	98, 12.020, 191.302
Yxy	93.7639, 0.2933, 0.3320
Android (android.graphics.Color)	4292673532 (0xFFDCFFFC)
YUV	244.1930, 3.8489, -21.2173
Hunter-Lab	96.8318, -16.7587, 2.9867

Details

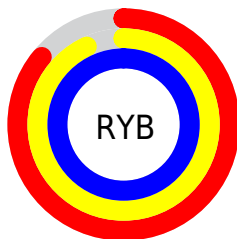
The Yxy color **93.7639, 0.2933, 0.3320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.7473, 0.3361, 0.3261**, and the grayscale version is **90.5971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3276, 0.2898, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **89.9397, 0.2801, 0.3344**, and if you desaturate by 10%, it is **98.1815, 0.3073, 0.3298**.

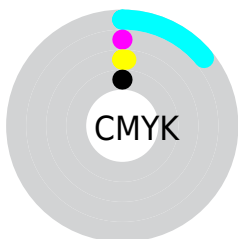
Distribution



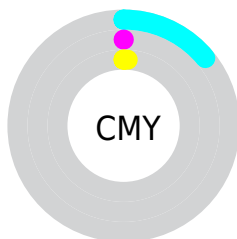
- Red (86%)
- Green (100%)
- Blue (99%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7639, 0.2933, 0.3320 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 93.7639, 0.2933, 0.3320 by changing the saturation by 10% instead.


 93.7639, 0.2933,
0.3320

 93.7639, 0.2933,
0.3320

540.2001, 0.3019,
0.3307

 71.1066, 0.2914,
0.3323


152.5558, 0.2962,
0.3316

 52.4292, 0.2892,
0.3326


189.4591, 0.2973,
0.3314

 37.3473, 0.2864,
0.3330


231.8800, 0.2983,
0.3313

 25.4765, 0.2829,
0.3334

280.2027, 0.2992,
0.3311

 16.4324, 0.2782,
0.3341

334.8117, 0.3000,
0.3310

 9.8307, 0.2719,
0.3348

396.0913, 0.3007,

 5.2868, 0.2628,

0.3309

0.3359

464.4260, 0.3013,
0.3308

■ 2.4165, 0.2485,
0.3374

■ 0.8344, 0.2091,
0.3452

■ 93.7639, 0.2933,
0.3320

■ 93.7639, 0.2933,
0.3320

■ 89.9397, 0.2801,
0.3344

■ 98.1815, 0.3073,
0.3298

■ 86.7039, 0.2682,
0.3370

100.0000, 0.3127,
0.3290

■ 84.0196, 0.2576,
0.3397

■ 81.8547, 0.2488,
0.3425

■ 80.1737, 0.2418,
0.3455

■ 78.9367, 0.2367,
0.3484

■ 78.0976, 0.2337,
0.3514

■ 77.5997, 0.2324,
0.3543

■ 77.4115, 0.2323,
0.3561

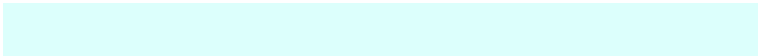
Harmonies

Analogous

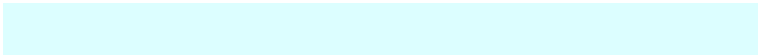
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7639, 0.3042, 0.3435



93.7639, 0.2933, 0.3320



93.7639, 0.2876, 0.3200

Triad

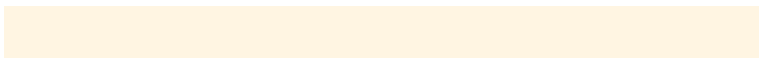
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7639, 0.2933, 0.3320



93.7639, 0.3075, 0.3083



93.7639, 0.3376, 0.3469

Complementary

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



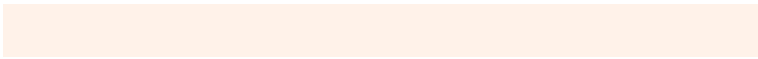
93.7639, 0.2933, 0.3320



77.7473, 0.3361, 0.3261

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.



93.7639, 0.3385, 0.3372



93.7639, 0.2933, 0.3320



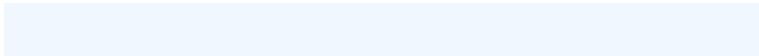
93.7639, 0.3210, 0.3152

Square

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



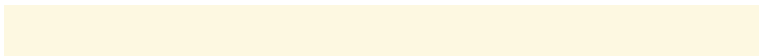
93.7639, 0.2933, 0.3320



93.7639, 0.2956, 0.3066



93.7639, 0.3324, 0.3256



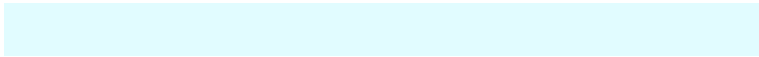
93.7639, 0.3298, 0.3520

Rectangle

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



93.7639, 0.2933, 0.3320



93.7639, 0.2874, 0.3133



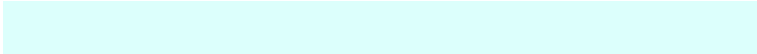
93.7639, 0.3324, 0.3256



93.7639, 0.3387, 0.3440

Sweetspot

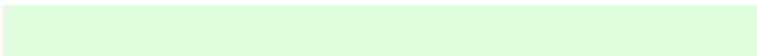
The Sweet Spot groups the original color and five complimentary colors.



93.7564, 0.2933, 0.3320



98.0603, 0.3069, 0.3298



92.4457, 0.3132, 0.3653



20.9133, 0.3059, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

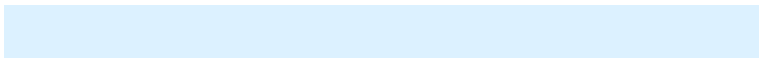
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7564, 0.2933, 0.3320



92.8431, 0.2902, 0.3325



85.3279, 0.2913, 0.3146



20.4530, 0.2992, 0.3310



40.4603, 0.2321, 0.3556



3.9471, 0.2312, 0.3523

Inverse Universe

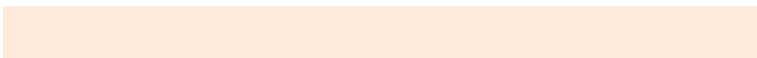
The Inverse Universe completely reimagines the original color for something new.



77.7473, 0.3361, 0.3261



74.5005, 0.3406, 0.3255



85.2545, 0.3362, 0.3430



18.0123, 0.3281, 0.3270



11.1474, 0.6309, 0.3249



1.0936, 0.6120, 0.3145

Previews

White Background



This preview shows how the Yxy color 93.7639, 0.2933, 0.3320 looks on a white background.

Color Contrast Check

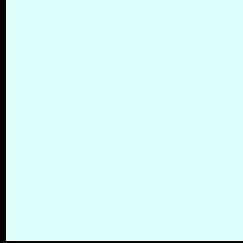
Large Text (above 18pt) WCAG AA × Fail

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 93.7639, 0.2933, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

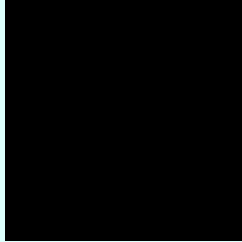
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

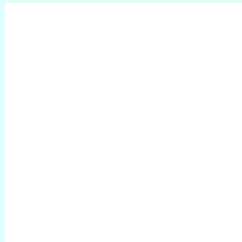
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7639, 0.2933, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 93.7639, 0.2933, 0.3320.

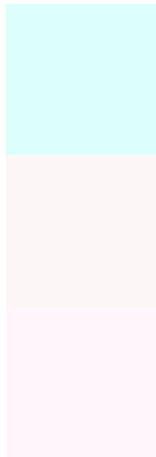


This preview shows how white text looks on a background with the Yxy color 93.7639, 0.2933, 0.3320.

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

93.7639, 0.2933, 0.3320

Protanopia

93.3224, 0.3160, 0.3280

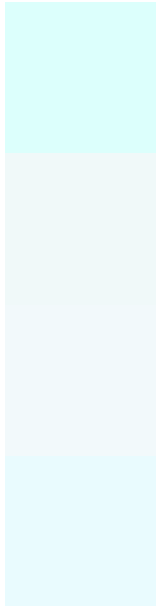
Deuteranopia

93.4669, 0.3162, 0.3242

Tritanopia

93.6721, 0.3042, 0.3231

Trichromacy



Original Color

93.7639, 0.2933, 0.3320

Protanomaly

93.1162, 0.3071, 0.3290

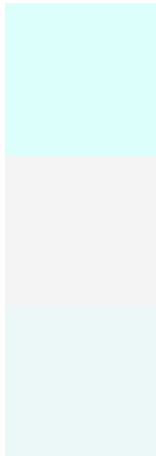
Deuteranomaly

93.5936, 0.3072, 0.3270

Tritanomaly

93.4738, 0.2999, 0.3260

Monochromacy



Original Color

93.7639, 0.2933, 0.3320

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.5124, 0.3051, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7639, 0.2933, 0.3320 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(220, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 252)  
}
```

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(220, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 93.7639, 0.2933, 0.3320 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(220, 255, 252) }
```

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

```
.border{ border-color:rgb(220, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7639, 0.2933, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 252) }
```

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

```
.background{ background-color: rgb(220,  
255, 252) }
```

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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