

Converting Colors

$Y_{xy}(100.0000, 0.2901, 0.3433)$

Have a look what the booklet for
Yxy(100.0000, 0.2901, 0.3433)
contains.

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Color

Yxy(92.6944, 0.2893, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFFC
RGB	213, 255, 252
RGB Percent	84%, 100%, 99%
CMY	0.1647, 0.0000, 0.0117
CMYK	0.16, 0.00, 0.01, 0.00
HSL	176°, 100%, 92%
HSV	176°, 16%, 100%
XYZ	80.7726, 92.6944, 105.7330
YIQ	242.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

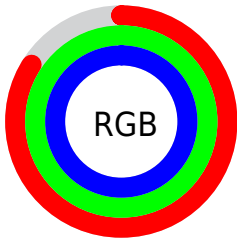
Format	Color
R _Y B	213, 235, 255
Decimal	14024700
CIE Lab	97.10, -13.91, -3.05
CIE LCh	97, 14.244, 192.350
Yxy	92.6944, 0.2893, 0.3320
Android (android.graphics.Color)	4292214780 (0xFFD5FFFC)
YUV	242.1000, 4.8807, -25.5207
Hunter-Lab	96.2779, -18.7335, 2.2819

Details

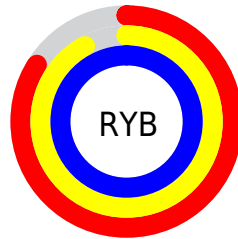
The Yxy color **92.6944, 0.2893, 0.3320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8096, 0.3420, 0.3261**, and the grayscale version is **88.8527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5974, 0.2848, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **89.0626, 0.2763, 0.3340**, and if you desaturate by 10%, it is **96.9294, 0.3033, 0.3301**.

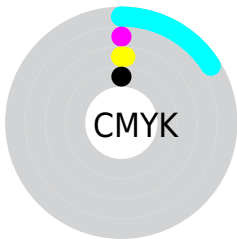
Distribution



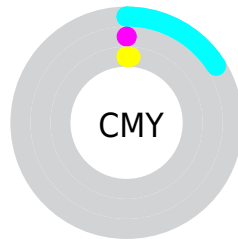
- Red (84%)
- Green (100%)
- Blue (99%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6944, 0.2893, 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 92.6944, 0.2893, 0.3320 by changing the saturation by 10% instead.


 92.6944, 0.2893,
0.3320

 92.6944, 0.2893,
0.3320


536.7572, 0.2996,
0.3308

 70.2175, 0.2871,
0.3323


151.0754, 0.2928,
0.3316

 51.7039, 0.2843,
0.3326

187.7484, 0.2942,
0.3314

 36.7691, 0.2810,
0.3329


229.9222, 0.2954,
0.3313

 25.0288, 0.2767,
0.3334

277.9812, 0.2964,
0.3312

 16.0985, 0.2711,
0.3339

332.3098, 0.2974,
0.3310

 9.5939, 0.2635,
0.3346

393.2924, 0.2982,

 5.1305, 0.2525,

0.3309

461.3134, 0.2989,
0.3308

0.3355

2.3241, 0.2351,
0.3366

0.7864, 0.1798,
0.3469

92.6944, 0.2893,
0.3320

92.6944, 0.2893,
0.3320

89.0626, 0.2763,
0.3340

96.9294, 0.3033,
0.3301

86.0023, 0.2645,
0.3362

100.0000, 0.3127,
0.3290

83.4844, 0.2543,
0.3385

81.4761, 0.2458,
0.3409

■ 79.9409, 0.2393,
0.3433

■ 78.8374, 0.2347,
0.3457

■ 78.1171, 0.2320,
0.3481

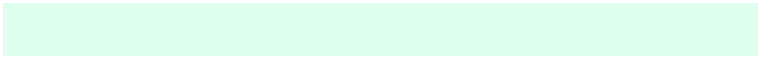
■ 77.7193, 0.2310,
0.3505

■ 77.6236, 0.2309,
0.3514

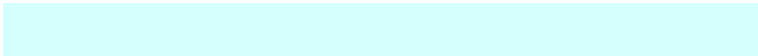
Harmonies

Analogous

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



92.6944, 0.3020, 0.3459



92.6944, 0.2893, 0.3320



92.6944, 0.2828, 0.3177

Triad

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



92.6944, 0.2893, 0.3320



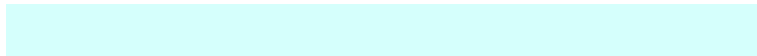
92.6944, 0.3070, 0.3046



92.6944, 0.3421, 0.3505

Complementary

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



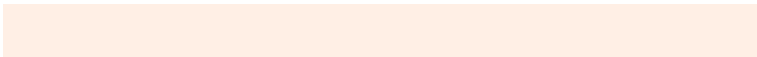
92.6944, 0.2893, 0.3320



73.8096, 0.3420, 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.



92.6944, 0.3436, 0.3391



92.6944, 0.2893, 0.3320



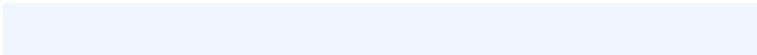
92.6944, 0.3230, 0.3130

Square

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



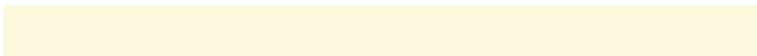
92.6944, 0.2893, 0.3320



92.6944, 0.2928, 0.3024



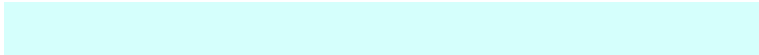
92.6944, 0.3366, 0.3254



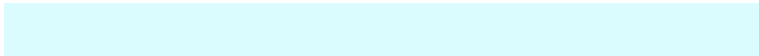
92.6944, 0.3326, 0.3565

Rectangle

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



92.6944, 0.2893, 0.3320



92.6944, 0.2828, 0.3099



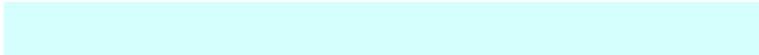
92.6944, 0.3366, 0.3254



92.6944, 0.3436, 0.3472

Sweetspot

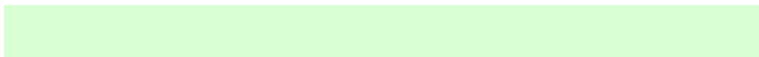
The Sweet Spot groups the original color and five complimentary colors.



92.6957, 0.2893, 0.3320



97.6031, 0.3054, 0.3299



91.0005, 0.3128, 0.3733



20.8217, 0.3044, 0.3300



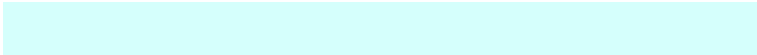
0.0000, 0.0000, 0.0000



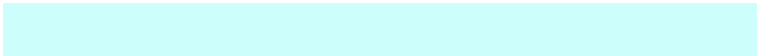
21.4041, 0.3127, 0.3290

Same Dimension

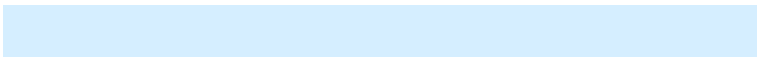
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6957, 0.2893, 0.3320



91.3453, 0.2846, 0.3327



82.2270, 0.2869, 0.3107



20.4578, 0.2990, 0.3307



40.5695, 0.2308, 0.3510



3.9565, 0.2301, 0.3482

Inverse Universe

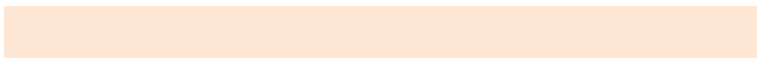
The Inverse Universe completely reimagines the original color for something new.



73.8096, 0.3420, 0.3261



68.9819, 0.3499, 0.3254



82.9388, 0.3414, 0.3466



18.0081, 0.3283, 0.3273



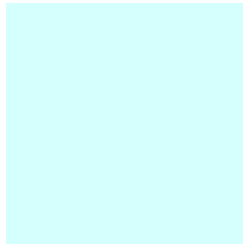
11.1395, 0.6327, 0.3259



1.0916, 0.6164, 0.3170

Previews

White Background



This preview shows how the Yxy color 92.6944, 0.2893, 0.3320 looks on a white background.

Color Contrast Check

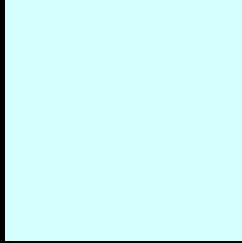
Large Text (above 18pt) WCAG AA × Fail

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 92.6944, 0.2893, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

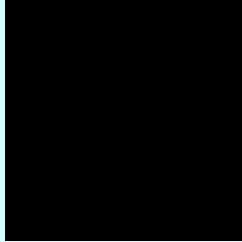
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

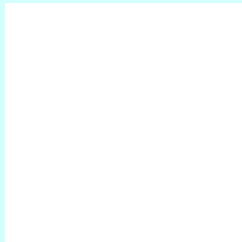
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6944, 0.2893, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 92.6944, 0.2893, 0.3320.

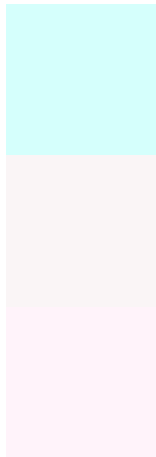


This preview shows how white text looks on a background with the Yxy color 92.6944, 0.2893, 0.3320.

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

92.6944, 0.2893, 0.3320

Protanopia

92.2826, 0.3153, 0.3280

Deuteranopia

92.2633, 0.3163, 0.3223



Tritanopia

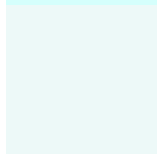
92.3593, 0.3018, 0.3221

Trichromacy



Original Color

92.6944, 0.2893, 0.3320



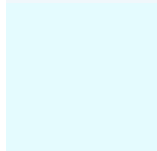
Protanomaly

92.5332, 0.3058, 0.3300



Deuteranomaly

92.0118, 0.3059, 0.3250



Tritanomaly

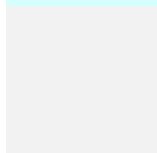
92.6441, 0.2969, 0.3260

Monochromacy



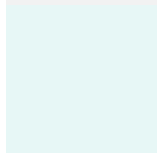
Original Color

92.6944, 0.2893, 0.3320



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1643, 0.3032, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6944, 0.2893, 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(213, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 92.6944, 0.2893, 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(213, 255, 252) }
```

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

```
.border{ border-color:rgb(213, 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(213, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6944, 0.2893, 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(213, 255, 252) }
```

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

```
.background{ background-color: rgb(213,  
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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