

Converting Colors

$Yxy(94.0623, 0.2932, 0.3304)$

Have a look what the booklet for
Yxy(94.0623, 0.2932, 0.3304)
contains.

Yxy(94.0479, 0.2928, 0.3300)	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(94.0479, 0.2928, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFFE
RGB	221, 255, 254
RGB Percent	87%, 100%, 100%
CMY	0.1337, 0.0000, 0.0040
CMYK	0.13, 0.00, 0.00, 0.00
HSL	178°, 100%, 93%
HSV	178°, 13%, 100%
XYZ	83.4461, 94.0479, 107.4996
YIQ	244.7200, -19.9430, -7.5190

Conversions

Conversions Part 2

Format	Color
R _{YB}	221, 238, 255
Decimal	14548990
CIE Lab	97.65, -11.11, -3.20
CIE LCh	98, 11.559, 196.066
Yxy	94.0479, 0.2928, 0.3300
Android (android.graphics.Color)	4292739070 (0xFFDDFFFE)
YUV	244.7200, 4.5750, -20.8024
Hunter-Lab	96.9783, -16.1196, 2.1624

Details

The Yxy color **94.0479, 0.2928, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.2011, 0.3366, 0.3280**, and the grayscale version is **91.0251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5264, 0.2892, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **90.2833, 0.2790, 0.3308**, and if you desaturate by 10%, it is **98.3921, 0.3076, 0.3292**.

Distribution



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



- Red (87%)
- Yellow (93%)
- 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 94.0479, 0.2928, 0.3300 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 94.0479, 0.2928, 0.3300 by changing the saturation by 10% instead.

 94.0479, 0.2928,
0.3300

 94.0479, 0.2928,
0.3300


541.1124, 0.3016,
0.3296

 71.3428, 0.2909,
0.3301


152.9486, 0.2958,
0.3299

 52.6220, 0.2886,
0.3301


189.9130, 0.2969,
0.3298

 37.5011, 0.2857,
0.3302


232.3992, 0.2980,
0.3298

 25.5957, 0.2821,
0.3303

280.7917, 0.2988,
0.3298

 16.5214, 0.2774,
0.3304

335.4749, 0.2996,
0.3297

 9.8939, 0.2710,
0.3305

396.8332, 0.3004,

 5.3286, 0.2617,

0.3297

0.3305

465.2509, 0.3010,
0.3297

■ 2.4414, 0.2472,
0.3303

■ 0.8470, 0.2103,
0.3337

■ 94.0479, 0.2928,
0.3300

■ 94.0479, 0.2928,
0.3300

■ 90.2833, 0.2790,
0.3308

■ 98.3921, 0.3076,
0.3292

■ 87.1135, 0.2663,
0.3316

100.0000, 0.3127,
0.3290

■ 84.4950, 0.2553,
0.3326

■ 82.3958, 0.2459,
0.3335

■ 80.7804, 0.2385,
0.3345

■ 79.6094, 0.2330,
0.3355

■ 78.8367, 0.2295,
0.3365

■ 78.4064, 0.2277,
0.3375

■ 78.2565, 0.2273,
0.3381

Harmonies

Analogous

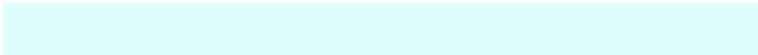
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0479, 0.3026, 0.3413



94.0479, 0.2928, 0.3300



94.0479, 0.2882, 0.3187

Triad

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



94.0479, 0.2928, 0.3300



94.0479, 0.3097, 0.3098



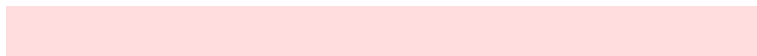
94.0479, 0.3358, 0.3473

Complementary

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



94.0479, 0.2928, 0.3300



78.2011, 0.3366, 0.3280

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.



94.0479, 0.3378, 0.3385



94.0479, 0.2928, 0.3300



94.0479, 0.3226, 0.3171

Square

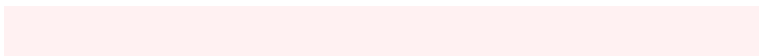
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0479, 0.2928, 0.3300



94.0479, 0.2979, 0.3073



94.0479, 0.3330, 0.3275



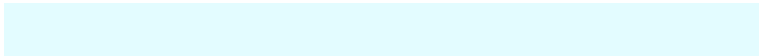
94.0479, 0.3275, 0.3514

Rectangle

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



94.0479, 0.2928, 0.3300



94.0479, 0.2887, 0.3127



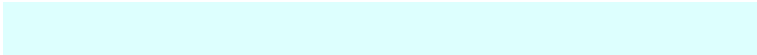
94.0479, 0.3330, 0.3275



94.0479, 0.3372, 0.3448

Sweetspot

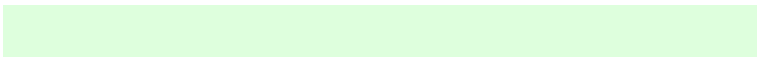
The Sweet Spot groups the original color and five complimentary colors.



94.0337, 0.2928, 0.3300



98.0968, 0.3066, 0.3293



92.2745, 0.3118, 0.3644



20.9226, 0.3055, 0.3293



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

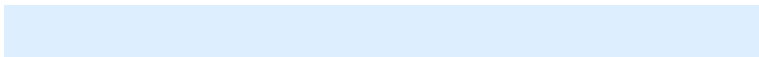
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0337, 0.2928, 0.3300



92.9876, 0.2890, 0.3302



84.3685, 0.2918, 0.3126



20.4715, 0.2984, 0.3297



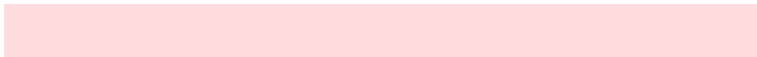
40.8949, 0.2272, 0.3379



3.9847, 0.2269, 0.3368

Inverse Universe

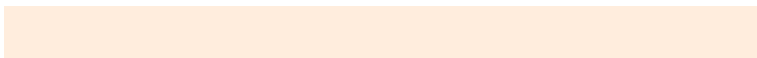
The Inverse Universe completely reimagines the original color for something new.



78.2011, 0.3366, 0.3280



74.3826, 0.3423, 0.3278



86.9424, 0.3352, 0.3448



17.9959, 0.3290, 0.3283



11.1214, 0.6370, 0.3283



1.0858, 0.6298, 0.3243

Previews

White Background



This preview shows how the Yxy color 94.0479, 0.2928, 0.3300 looks on a white background.

Color Contrast Check

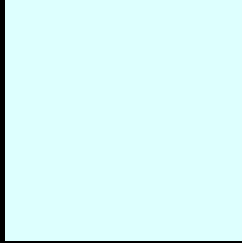
Large Text (above 18pt) WCAG AA × Fail

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 94.0479, 0.2928, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

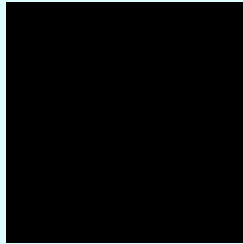
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0479, 0.2928, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 94.0479, 0.2928, 0.3300.



This preview shows how white text looks on a background with the Yxy color 94.0479, 0.2928, 0.3300.

Color Blindness Simulation

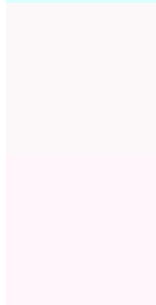
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.0479, 0.2928, 0.3300



Protanopia

94.0565, 0.3147, 0.3271

Deuteranopia

93.5299, 0.3156, 0.3232

Tritanopia

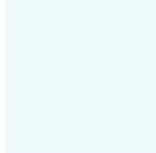
93.6721, 0.3042, 0.3231

Trichromacy



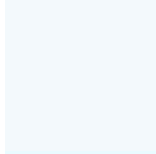
Original Color

94.0479, 0.2928, 0.3300



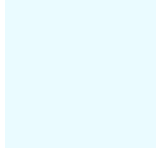
Protanomaly

94.0370, 0.3065, 0.3280



Deuteranomaly

93.8343, 0.3072, 0.3261



Tritanomaly

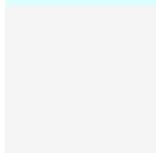
93.7068, 0.2999, 0.3250

Monochromacy



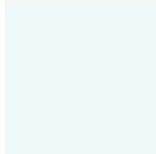
Original Color

94.0479, 0.2928, 0.3300



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.3615, 0.3051, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0479, 0.2928, 0.3300 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(221, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 254)  
}
```

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(221, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 94.0479, 0.2928, 0.3300 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(221, 255, 254) }
```

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

```
.border{ border-color:rgb(221, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0479, 0.2928, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 254) }
```

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

```
.background{ background-color: rgb(221,  
255, 254) }
```

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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