

Converting Colors

$Y_{xy}(100.0000, 0.2889, 0.3265)$

Have a look what the booklet for
Yxy(100.0000, 0.2889, 0.3265)
contains.

Yxy(94.5873, 0.2940, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.5873, 0.2940, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFFF
RGB	224, 255, 255
RGB Percent	88%, 100%, 100%
CMY	0.1217, 0.0000, 0.0000
CMYK	0.12, 0.00, 0.00, 0.00
HSL	180°, 100%, 94%
HSV	180°, 12%, 100%
XYZ	84.5505, 94.5873, 108.4490
YIQ	245.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

Format	Color
R_{YB}	224, 240, 255
Decimal	14745599
CIE _{Lab}	97.87, -9.94, -3.41
CIE _{LCh}	98, 10.508, 198.934
Yxy	94.5873, 0.2940, 0.3289
Android (android.graphics.Color)	4292935679 (0xFFE0FFFF)
YUV	245.7310, 4.5696, -19.0581
Hunter-Lab	97.2560, -15.0172, 1.9656

Details

The Yxy color **94.5873, 0.2940, 0.3289** is a light color, and the websafe version is hex **CCFFFF**, and the color name is **lightcyan**. A complement of this color would be **79.9387, 0.3348, 0.3291**, and the grayscale version is **91.8970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.7902, 0.2900, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **90.8105, 0.2797, 0.3289**, and if you desaturate by 10%, it is **98.9673, 0.3093, 0.3290**.

Distribution



- Red (88%)
- Green (100%)
- Blue (100%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5873, 0.2940, 0.3289 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 94.5873, 0.2940, 0.3289 by changing the saturation by 10% instead.

 94.5873, 0.2940,
0.3289

 94.5873, 0.2940,
0.3289


542.8429, 0.3022,
0.3290

 71.7915, 0.2922,
0.3289


153.6943, 0.2968,
0.3289

 52.9884, 0.2901,
0.3288

190.7744, 0.2979,
0.3290

 37.7935, 0.2874,
0.3287


233.3846, 0.2988,
0.3290

 25.8225, 0.2840,
0.3286

281.9095, 0.2997,
0.3290

 16.6909, 0.2796,
0.3285

336.7334, 0.3004,
0.3290

 10.0143, 0.2736,
0.3282

398.2406, 0.3011,

 5.4085, 0.2649,

0.3290

0.3277

466.8157, 0.3017,
0.3290

■ 2.4889, 0.2514,
0.3268

■ 0.8711, 0.2200,
0.3274

■ 94.5873, 0.2940,
0.3289

■ 94.5873, 0.2940,
0.3289

■ 90.8105, 0.2797,
0.3289

■ 98.9673, 0.3093,
0.3290

■ 87.6215, 0.2666,
0.3289

100.0000, 0.3127,
0.3290

■ 84.9871, 0.2551,
0.3288

■ 82.8758, 0.2453,
0.3288

■ 81.2527, 0.2375,
0.3288

■ 80.0787, 0.2316,
0.3288

■ 79.3087, 0.2276,
0.3287

■ 78.8885, 0.2254,
0.3287

■ 78.7400, 0.2247,
0.3287

Harmonies

Analogous

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



94.5873, 0.3026, 0.3393



94.5873, 0.2940, 0.3289



94.5873, 0.2904, 0.3188

Triad

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



94.5873, 0.2940, 0.3289



94.5873, 0.3112, 0.3120



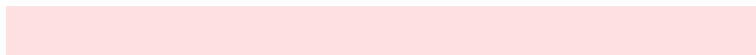
94.5873, 0.3331, 0.3462

Complementary

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



94.5873, 0.2940, 0.3289



79.9387, 0.3348, 0.3291

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.



94.5873, 0.3356, 0.3386



94.5873, 0.2940, 0.3289



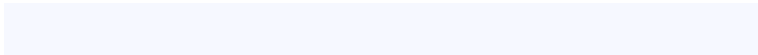
94.5873, 0.3228, 0.3190

Square

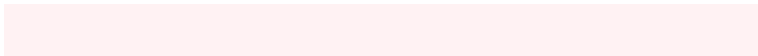
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



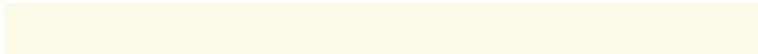
94.5873, 0.2940, 0.3289



94.5873, 0.3001, 0.3093



94.5873, 0.3318, 0.3287



94.5873, 0.3252, 0.3493

Rectangle

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



94.5873, 0.2940, 0.3289



94.5873, 0.2912, 0.3136



94.5873, 0.3318, 0.3287



94.5873, 0.3346, 0.3441

Sweetspot

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



94.5834, 0.2940, 0.3289



98.1165, 0.3065, 0.3290



92.7439, 0.3112, 0.3610



20.9276, 0.3053, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

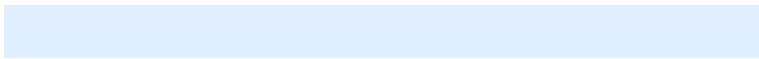
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5834, 0.2940, 0.3289



93.4534, 0.2899, 0.3289



85.0825, 0.2937, 0.3131



20.4815, 0.2980, 0.3290



41.1433, 0.2247, 0.3287



4.0060, 0.2247, 0.3287

Inverse Universe

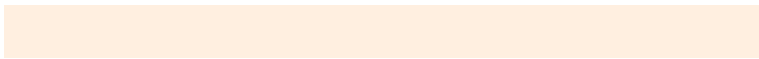
The Inverse Universe completely reimagines the original color for something new.



81.7782, 0.3141, 0.2989



77.9769, 0.3145, 0.2918



88.6595, 0.3329, 0.3444



18.3004, 0.3138, 0.3056



14.8814, 0.3209, 0.1542



1.4490, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 94.5873, 0.2940, 0.3289 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 94.5873, 0.2940, 0.3289 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 94.5873, 0.2940, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 94.5873, 0.2940, 0.3289.



This preview shows how white text looks on a background with the Yxy color 94.5873, 0.2940, 0.3289.

Color Blindness Simulation

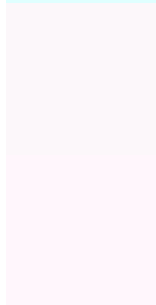
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.5873, 0.2940, 0.3289



Protanopia

94.1191, 0.3141, 0.3261

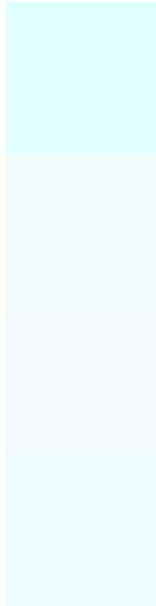
Deuteranopia

94.1998, 0.3149, 0.3233

Tritanopia

94.6459, 0.3055, 0.3241

Trichromacy



Original Color

94.5873, 0.2940, 0.3289

Protanomaly

94.2767, 0.3066, 0.3270

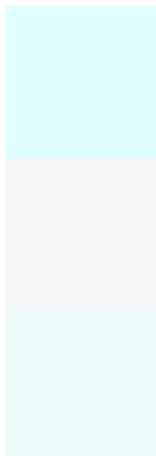
Deuteranomaly

94.0763, 0.3072, 0.3251

Tritanomaly

94.6737, 0.3011, 0.3260

Monochromacy



Original Color

94.5873, 0.2940, 0.3289

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7681, 0.3058, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5873, 0.2940, 0.3289 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(224, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 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(224, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.5873, 0.2940, 0.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

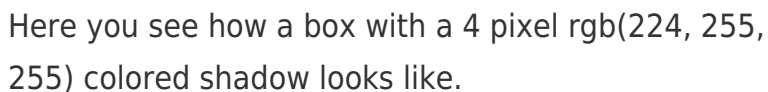
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 255, 255) }
```

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

```
.border{ border-color:rgb(224, 255, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5873, 0.2940, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 255) }
```

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

```
.background{ background-color: rgb(224,  
255, 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](#).

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