

Converting Colors

$Yxy(92.9522, 0.2890, 0.3303)$

Have a look what the booklet for
Yxy(92.9522, 0.2890, 0.3303)
contains.

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Color

Yxy(92.9719, 0.2888, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFFE
RGB	214, 255, 254
RGB Percent	84%, 100%, 100%
CMY	0.1610, 0.0000, 0.0040
CMYK	0.16, 0.00, 0.00, 0.00
HSL	178°, 100%, 92%
HSV	178°, 16%, 100%
XYZ	81.3645, 92.9719, 107.3966
YIQ	242.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

Format	Color
R_{YB}	214, 235, 255
Decimal	14090238
CIE _{Lab}	97.22, -13.25, -3.89
CIE _{LCh}	97, 13.805, 196.347
Yxy	92.9719, 0.2888, 0.3300
Android (android.graphics.Color)	4292280318 (0xFFD6FFFE)
YUV	242.6270, 5.6069, -25.1059
Hunter-Lab	96.4219, -18.1133, 1.4570

Details

The Yxy color **92.9719, 0.2888, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.2303, 0.3427, 0.3280**, and the grayscale version is **89.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7903, 0.2842, 0.3302** is the 20% darker color. If you saturate the color by 10%, you get **89.3809, 0.2752, 0.3307**, and if you desaturate by 10%, it is **97.1432, 0.3034, 0.3294**.

Distribution



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



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9719, 0.2888, 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 92.9719, 0.2888, 0.3300 by changing the saturation by 10% instead.


 92.9719, 0.2888,
0.3300

 92.9719, 0.2888,
0.3300


537.6517, 0.2993,
0.3297

 70.4481, 0.2865,
0.3301

151.4597, 0.2924,
0.3299

 51.8920, 0.2837,
0.3301

188.1926, 0.2938,
0.3299

 36.9190, 0.2803,
0.3302


230.4306, 0.2950,
0.3298

 25.1448, 0.2760,
0.3302

278.5581, 0.2961,
0.3298

 16.1849, 0.2703,
0.3303

332.9596, 0.2970,
0.3297

 9.6551, 0.2626,
0.3302

394.0194, 0.2979,

 5.1709, 0.2514,

0.3297

0.3300

462.1220, 0.2986,
0.3297

■ 2.3479, 0.2340,
0.3294

■ 0.7989, 0.1826,
0.3346

■ 92.9719, 0.2888,
0.3300

■ 92.9719, 0.2888,
0.3300

■ 89.3809, 0.2752,
0.3307

■ 97.1432, 0.3034,
0.3294

■ 86.3729, 0.2629,
0.3314

100.0000, 0.3127,
0.3290

■ 83.9076, 0.2523,
0.3322

■ 81.9522, 0.2434,
0.3330

■ 80.4704, 0.2365,
0.3338

■ 79.4209, 0.2315,
0.3346

■ 78.7556, 0.2285,
0.3354

■ 78.4147, 0.2271,
0.3362

■ 78.3349, 0.2268,
0.3365

Harmonies

Analogous

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



92.9719, 0.3005, 0.3437



92.9719, 0.2888, 0.3300



92.9719, 0.2835, 0.3164

Triad

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



92.9719, 0.2888, 0.3300



92.9719, 0.3092, 0.3062



92.9719, 0.3403, 0.3510

Complementary

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



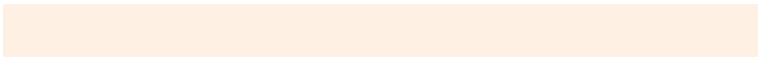
92.9719, 0.2888, 0.3300



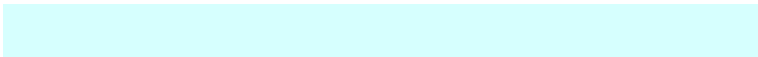
74.2303, 0.3427, 0.3280

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.



92.9719, 0.3429, 0.3404



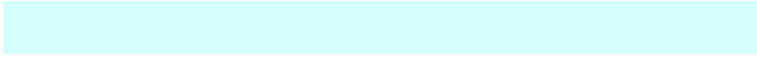
92.9719, 0.2888, 0.3300



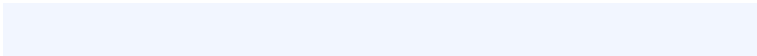
92.9719, 0.3247, 0.3149

Square

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



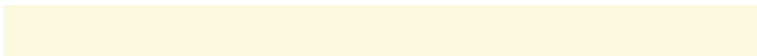
92.9719, 0.2888, 0.3300



92.9719, 0.2950, 0.3031



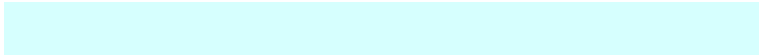
92.9719, 0.3371, 0.3273



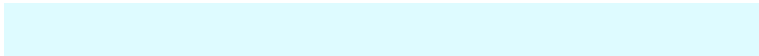
92.9719, 0.3303, 0.3559

Rectangle

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



92.9719, 0.2888, 0.3300



92.9719, 0.2841, 0.3093



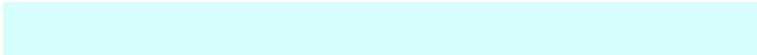
92.9719, 0.3371, 0.3273



92.9719, 0.3421, 0.3480

Sweetspot

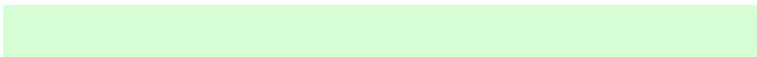
The Sweet Spot groups the original color and five complimentary colors.



92.9617, 0.2888, 0.3300



97.6409, 0.3051, 0.3293



90.8668, 0.3115, 0.3724



20.8309, 0.3040, 0.3293



0.0000, 0.0000, 0.0000



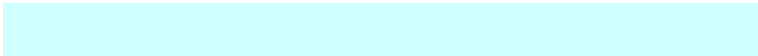
21.4041, 0.3127, 0.3290

Same Dimension

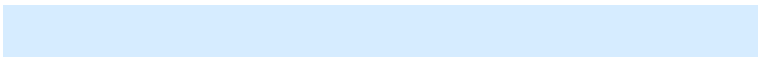
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9617, 0.2888, 0.3300



91.8627, 0.2847, 0.3302



81.4073, 0.2874, 0.3090



20.4731, 0.2983, 0.3296



40.9352, 0.2268, 0.3364



3.9881, 0.2265, 0.3355

Inverse Universe

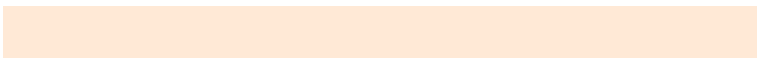
The Inverse Universe completely reimagines the original color for something new.



74.2303, 0.3427, 0.3280



70.2104, 0.3493, 0.3279



84.4490, 0.3403, 0.3482



17.9945, 0.3291, 0.3284



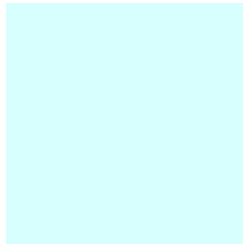
11.1193, 0.6375, 0.3286



1.0851, 0.6315, 0.3252

Previews

White Background



This preview shows how the Yxy color 92.9719, 0.2888, 0.3300 looks on a white background.

Color Contrast Check

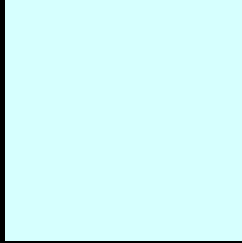
Large Text (above 18pt) WCAG AA × Fail

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 92.9719, 0.2888, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

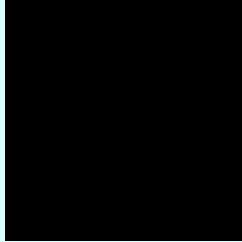
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9719, 0.2888, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 92.9719, 0.2888, 0.3300.



This preview shows how white text looks on a background with the Yxy color 92.9719, 0.2888, 0.3300.

Color Blindness Simulation

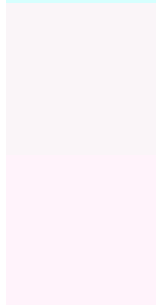
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

92.9719, 0.2888, 0.3300



Protanopia

92.4061, 0.3141, 0.3261

Deuteranopia

92.3262, 0.3157, 0.3213



Tritanopia

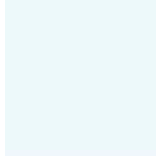
92.5319, 0.3024, 0.3221

Trichromacy



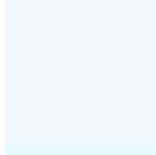
Original Color

92.9719, 0.2888, 0.3300



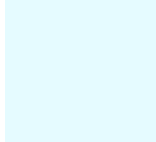
Protanomaly

92.6580, 0.3046, 0.3280



Deuteranomaly

92.0751, 0.3054, 0.3241



Tritanomaly

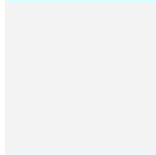
92.8724, 0.2969, 0.3250

Monochromacy



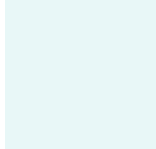
Original Color

92.9719, 0.2888, 0.3300



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.3927, 0.3033, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9719, 0.2888, 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(214, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 92.9719, 0.2888, 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(214, 255, 254) }
```

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

```
.border{ border-color:rgb(214, 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(214, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9719, 0.2888, 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(214, 255, 254) }
```

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

```
.background{ background-color: rgb(214,  
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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