

Converting Colors

$Yxy(92.2342, 0.2878, 0.3324)$

Have a look what the booklet for
Yxy(92.2342, 0.2878, 0.3324)
contains.

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Color

Yxy(92.2499, 0.2876, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFFC
RGB	210, 255, 252
RGB Percent	82%, 100%, 99%
CMY	0.1764, 0.0000, 0.0117
CMYK	0.18, 0.00, 0.01, 0.00
HSL	176°, 100%, 91%
HSV	176°, 18%, 100%
XYZ	79.9129, 92.2499, 105.6984
YIQ	241.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

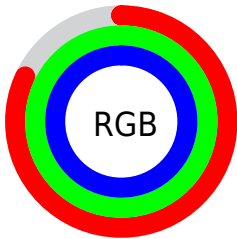
Format	Color
R _Y B	210, 233, 255
Decimal	13828092
CIE Lab	96.92, -14.82, -3.34
CIE LCh	97, 15.191, 192.689
Yxy	92.2499, 0.2876, 0.3320
Android (android.graphics.Color)	4292018172 (0xFFD2FFFC)
YUV	241.2030, 5.3229, -27.3650
Hunter-Lab	96.0468, -19.5664, 1.9848

Details

The Yxy color **92.2499, 0.2876, 0.3320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1645, 0.3447, 0.3261**, and the grayscale version is **88.1077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2969, 0.2827, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **88.6961, 0.2747, 0.3339**, and if you desaturate by 10%, it is **96.4068, 0.3016, 0.3302**.

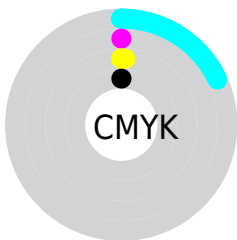
Distribution



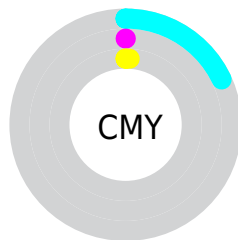
- Red (82%)
- Green (100%)
- Blue (99%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2499, 0.2876, 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 92.2499, 0.2876, 0.3320 by changing the saturation by 10% instead.


 92.2499, 0.2876,
0.3320

 92.2499, 0.2876,
0.3320


535.3228, 0.2987,
0.3308

 69.8482, 0.2852,
0.3323


150.4597, 0.2913,
0.3316

 51.4028, 0.2823,
0.3325


187.0366, 0.2928,
0.3314

 36.5293, 0.2787,
0.3329

229.1074, 0.2941,
0.3313

 24.8432, 0.2741,
0.3333

277.0564, 0.2953,
0.3312

 15.9603, 0.2681,
0.3338

331.2680, 0.2963,
0.3310

 9.4961, 0.2599,
0.3345

392.1267, 0.2971,

 5.0661, 0.2480,

0.3309

460.0169, 0.2980,
0.3309

0.3353

2.2861, 0.2295,
0.3361

0.7663, 0.1663,
0.3476

92.2499, 0.2876,
0.3320

92.2499, 0.2876,
0.3320

88.6961, 0.2747,
0.3339

96.4068, 0.3016,
0.3302

85.7086, 0.2630,
0.3359

100.0000, 0.3127,
0.3290

83.2597, 0.2529,
0.3381

81.3162, 0.2446,
0.3403

■ 79.8410, 0.2383,
0.3425

■ 78.7921, 0.2339,
0.3448

■ 78.1200, 0.2314,
0.3470

■ 77.7592, 0.2306,
0.3493

■ 77.6968, 0.2305,
0.3498

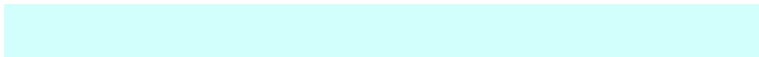
Harmonies

Analogous

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



92.2499, 0.3011, 0.3469



92.2499, 0.2876, 0.3320



92.2499, 0.2808, 0.3167

Triad

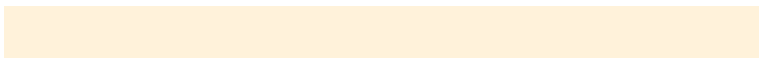
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2499, 0.2876, 0.3320



92.2499, 0.3068, 0.3031



92.2499, 0.3440, 0.3521

Complementary

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



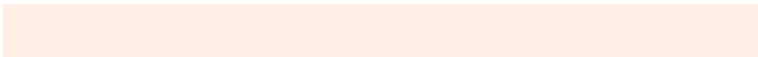
92.2499, 0.2876, 0.3320



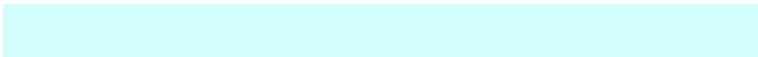
72.1645, 0.3447, 0.3261

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.



92.2499, 0.3458, 0.3399



92.2499, 0.2876, 0.3320



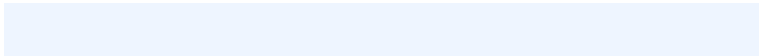
92.2499, 0.3239, 0.3121

Square

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



92.2499, 0.2876, 0.3320



92.2499, 0.2916, 0.3006



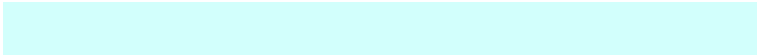
92.2499, 0.3383, 0.3253



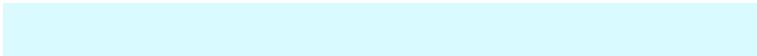
92.2499, 0.3337, 0.3585

Rectangle

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



92.2499, 0.2876, 0.3320



92.2499, 0.2808, 0.3085



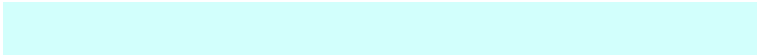
92.2499, 0.3383, 0.3253



92.2499, 0.3457, 0.3485

Sweetspot

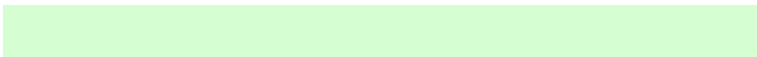
The Sweet Spot groups the original color and five complimentary colors.



92.2528, 0.2876, 0.3320



97.6071, 0.3054, 0.3298



90.3220, 0.3123, 0.3769



20.8227, 0.3044, 0.3299



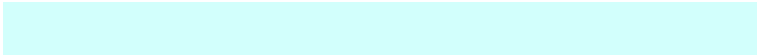
0.0000, 0.0000, 0.0000



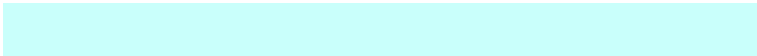
21.4041, 0.3127, 0.3290

Same Dimension

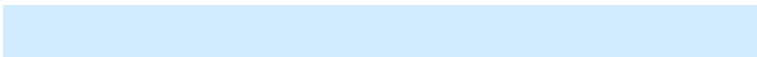
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2528, 0.2876, 0.3320



90.9930, 0.2831, 0.3326



80.6307, 0.2850, 0.3085



20.4594, 0.2989, 0.3306



40.6072, 0.2304, 0.3494



3.9598, 0.2297, 0.3469

Inverse Universe

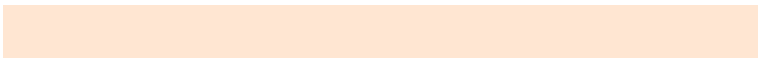
The Inverse Universe completely reimagines the original color for something new.



72.1645, 0.3447, 0.3261



67.6515, 0.3524, 0.3255



82.2341, 0.3436, 0.3487



18.0066, 0.3284, 0.3275



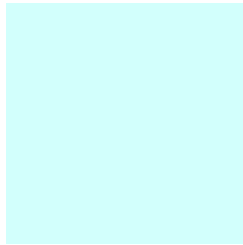
11.1371, 0.6333, 0.3262



1.0909, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 92.2499, 0.2876, 0.3320 looks on a white background.

Color Contrast Check

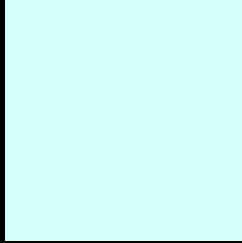
Large Text (above 18pt) WCAG AA × Fail

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 92.2499, 0.2876, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

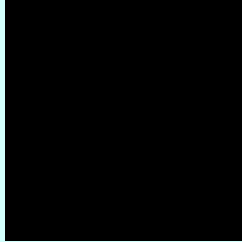
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2499, 0.2876, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 92.2499, 0.2876, 0.3320.

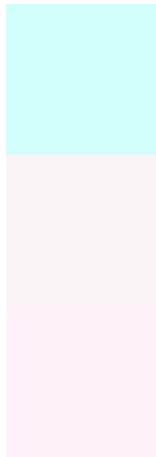


This preview shows how white text looks on a background with the Yxy color 92.2499, 0.2876, 0.3320.

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

92.2499, 0.2876, 0.3320

Protanopia

91.6792, 0.3154, 0.3271

Deuteranopia

91.6664, 0.3163, 0.3213



Tritanopia

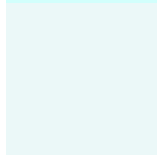
92.0170, 0.3005, 0.3220

Trichromacy



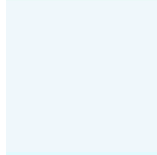
Original Color

92.2499, 0.2876, 0.3320



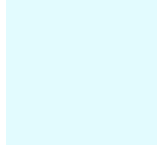
Protanomaly

91.5743, 0.3045, 0.3290



Deuteranomaly

91.8373, 0.3053, 0.3250



Tritanomaly

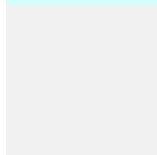
92.3189, 0.2957, 0.3259

Monochromacy



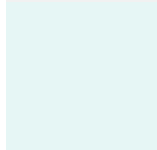
Original Color

92.2499, 0.2876, 0.3320



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3271, 0.3032, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2499, 0.2876, 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(210, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 92.2499, 0.2876, 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(210, 255, 252) }
```

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

```
.border{ border-color:rgb(210, 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(210, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2499, 0.2876, 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(210, 255, 252) }
```

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

```
.background{ background-color: rgb(210,  
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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