

Converting Colors

$Yxy(90.5572, 0.2841, 0.3364)$

Have a look what the booklet for
Yxy(90.5572, 0.2841, 0.3364)
contains.

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Color

Yxy(90.5767, 0.2841, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	C8FFF8
RGB	200, 255, 248
RGB Percent	78%, 100%, 97%
CMY	0.2157, 0.0000, 0.0275
CMYK	0.22, 0.00, 0.03, 0.00
HSL	172°, 100%, 89%
HSV	172°, 22%, 100%
XYZ	76.5175, 90.5767, 102.2388
YIQ	237.7570, -30.5330, -13.8370

Conversions

Conversions Part 2

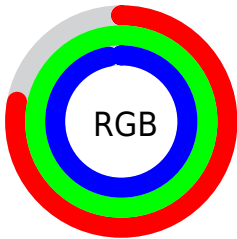
Format	Color
R_{YB}	200, 229, 255
Decimal	13172728
CIE _{Lab}	96.24, -18.64, -2.34
CIE _{LCh}	96, 18.786, 187.146
Yxy	90.5767, 0.2841, 0.3363
Android (android.graphics.Color)	4291362808 (0xFFC8FFF8)
YUV	237.7570, 5.0498, -33.1129
Hunter-Lab	95.1718, -23.0378, 2.9276

Details

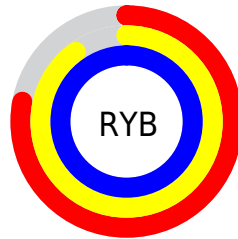
The Yxy color **90.5767, 0.2841, 0.3363** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.0697, 0.3511, 0.3219**, and the grayscale version is **85.2754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2137, 0.2778, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **87.1509, 0.2723, 0.3401**, and if you desaturate by 10%, it is **94.5863, 0.2970, 0.3327**.

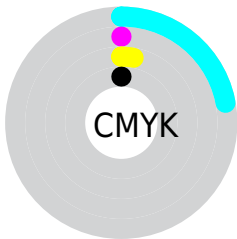
Distribution



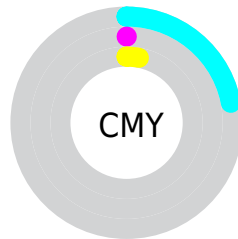
- Red (78%)
- Green (100%)
- Blue (97%)



- Red (78%)
- Yellow (90%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.5767, 0.2841, 0.3363 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 90.5767, 0.2841, 0.3363 by changing the saturation by 10% instead.


 90.5767, 0.2841,
0.3363

 90.5767, 0.2841,
0.3363

529.9051, 0.2968,
0.3331

 68.4591, 0.2813,
0.3370

148.1392, 0.2884,
0.3352

 50.2713, 0.2780,
0.3378


184.3528, 0.2901,
0.3348

 35.6290, 0.2738,
0.3388


226.0339, 0.2916,
0.3345

 24.1478, 0.2685,
0.3400

273.5669, 0.2929,
0.3341

 15.4433, 0.2616,
0.3416

327.3361, 0.2940,
0.3338

 9.1311, 0.2521,
0.3437


387.7259, 0.2950,


 4.8268, 0.2383,

0.3336

0.3467


455.1208, 0.2959,
0.3334

 2.1460, 0.2166,
0.3510

 0.6903, 0.1113,
0.3821


 90.5767, 0.2841,
0.3363


 90.5767, 0.2841,
0.3363

 87.1509, 0.2723,
0.3401


 94.5863, 0.2970,
0.3327

 84.2877, 0.2618,
0.3442


 99.2145, 0.3105,
0.3295


 81.9530, 0.2529,
0.3485


100.0000, 0.3127,
0.3290

 80.1121, 0.2458,
0.3529

 78.7262, 0.2406,
0.3574

 77.7507, 0.2374,
0.3620

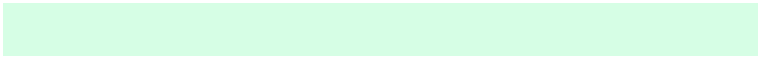
 77.1319, 0.2361,
0.3665

 76.8184, 0.2362,
0.3702

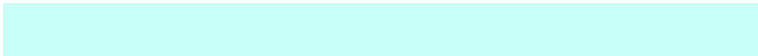
Harmonies

Analogous

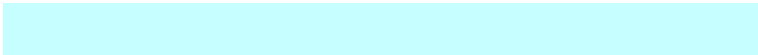
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5767, 0.3019, 0.3543



90.5767, 0.2841, 0.3363



90.5767, 0.2740, 0.3168

Triad

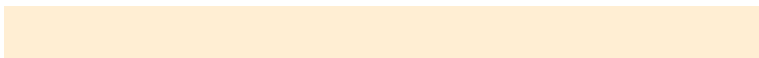
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5767, 0.2841, 0.3363



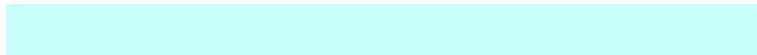
90.5767, 0.3014, 0.2958



90.5767, 0.3530, 0.3551

Complementary

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



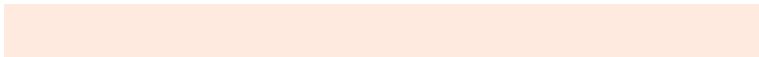
90.5767, 0.2841, 0.3363



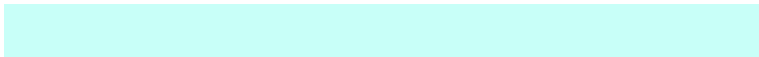
67.0697, 0.3511, 0.3219

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.



90.5767, 0.3531, 0.3390



90.5767, 0.2841, 0.3363



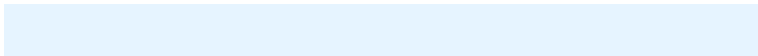
90.5767, 0.3227, 0.3055

Square

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



90.5767, 0.2841, 0.3363



90.5767, 0.2837, 0.2942



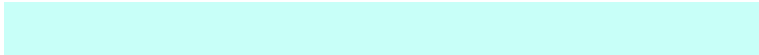
90.5767, 0.3418, 0.3211



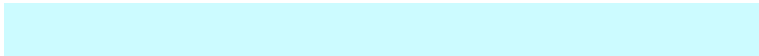
90.5767, 0.3418, 0.3649

Rectangle

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



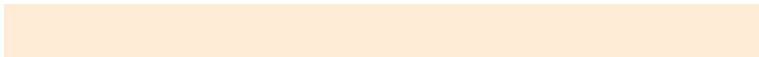
90.5767, 0.2841, 0.3363



90.5767, 0.2727, 0.3059



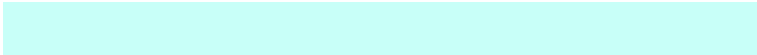
90.5767, 0.3418, 0.3211



90.5767, 0.3544, 0.3502

Sweetspot

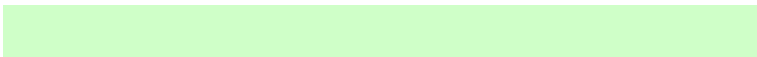
The Sweet Spot groups the original color and five complimentary colors.



90.5741, 0.2841, 0.3363



97.0877, 0.3044, 0.3309



89.0020, 0.3144, 0.3886



20.7158, 0.3036, 0.3311



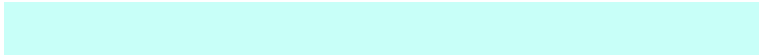
0.0000, 0.0000, 0.0000



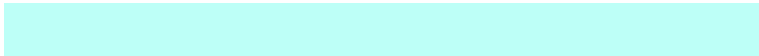
21.4041, 0.3127, 0.3290

Same Dimension

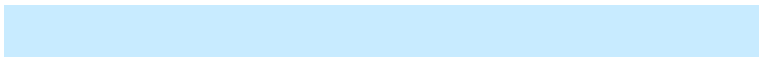
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.5741, 0.2841, 0.3363



88.9874, 0.2787, 0.3380



78.8173, 0.2790, 0.3074



20.4392, 0.2997, 0.3320



40.1549, 0.2360, 0.3695



3.9204, 0.2345, 0.3644

Inverse Universe

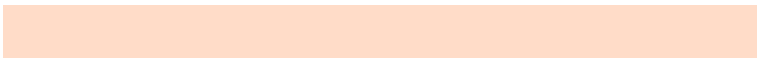
The Inverse Universe completely reimagines the original color for something new.



67.0697, 0.3511, 0.3219



61.5649, 0.3615, 0.3204



76.7005, 0.3524, 0.3496



18.0248, 0.3274, 0.3260



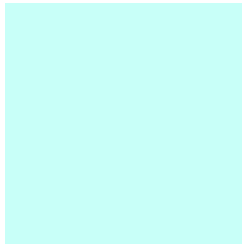
11.1765, 0.6242, 0.3212



1.0995, 0.5993, 0.3075

Previews

White Background



This preview shows how the Yxy color 90.5767, 0.2841, 0.3363 looks on a white background.

Color Contrast Check

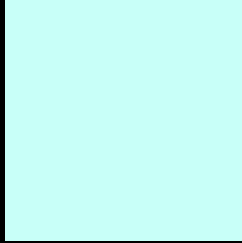
Large Text (above 18pt) WCAG AA × Fail

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 90.5767, 0.2841, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

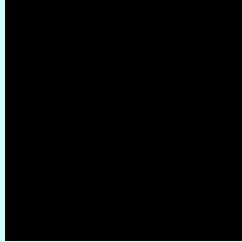
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.5767, 0.2841, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 90.5767, 0.2841, 0.3363.

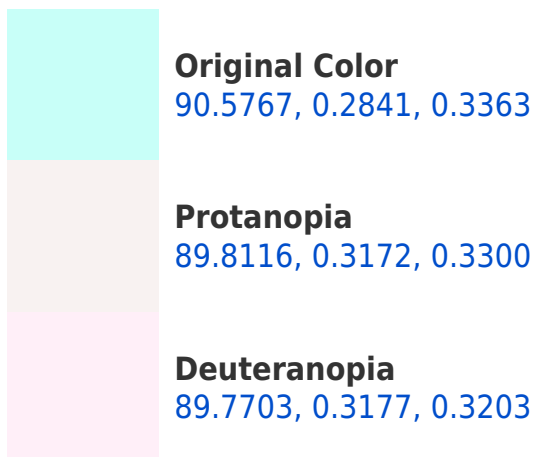


This preview shows how white text looks on a background with the Yxy color 90.5767, 0.2841, 0.3363.

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





Tritanopia

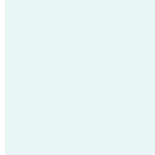
90.3995, 0.2969, 0.3209

Trichromacy



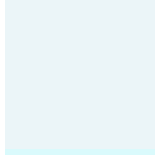
Original Color

90.5767, 0.2841, 0.3363



Protanomaly

90.0421, 0.3044, 0.3320



Deuteranomaly

89.7443, 0.3046, 0.3260



Tritanomaly

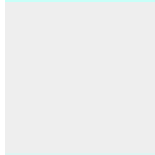
90.3049, 0.2920, 0.3269

Monochromacy



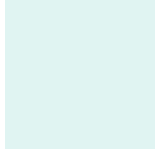
Original Color

90.5767, 0.2841, 0.3363



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

86.9595, 0.3012, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5767, 0.2841, 0.3363 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(200, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 248)  
}
```

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(200, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 90.5767, 0.2841, 0.3363 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(200, 255, 248) }
```

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

```
.border{ border-color:rgb(200, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5767, 0.2841, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 248) }
```

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

```
.background{ background-color: rgb(200,  
255, 248) }
```

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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