

Converting Colors

Yxy(93.9581, 0.2852, 0.3400)

Have a look what the booklet for
Yxy(93.9581, 0.2852, 0.3400)
contains.

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Color

Yxy(90.9161, 0.2847, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	CAFFF9
RGB	202, 255, 249
RGB Percent	79%, 100%, 98%
CMY	0.2078, 0.0000, 0.0236
CMYK	0.21, 0.00, 0.02, 0.00
HSL	173°, 100%, 90%
HSV	173°, 21%, 100%
XYZ	77.2190, 90.9161, 103.0943
YIQ	238.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

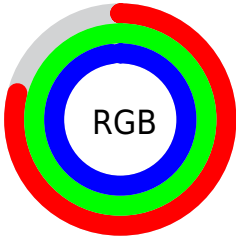
Format	Color
R_{YB}	202, 230, 255
Decimal	13303801
CIE _{Lab}	96.38, -17.83, -2.64
CIE _{LCh}	96, 18.021, 188.424
Yxy	90.9161, 0.2847, 0.3352
Android (android.graphics.Color)	4291493881 (0xFFCAFFF9)
YUV	238.4690, 5.1918, -31.9833
Hunter-Lab	95.3499, -22.3044, 2.6394

Details

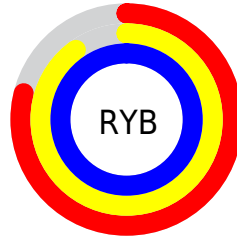
The Yxy color **90.9161, 0.2847, 0.3352** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0673, 0.3499, 0.3230**, and the grayscale version is **85.8629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4415, 0.2785, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **87.4713, 0.2726, 0.3386**, and if you desaturate by 10%, it is **94.9570, 0.2978, 0.3321**.

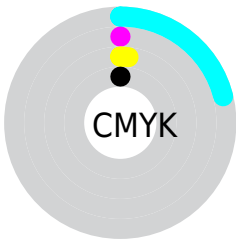
Distribution



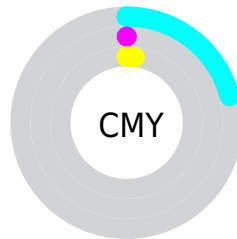
- Red (79%)
- Green (100%)
- Blue (98%)



- Red (79%)
- Yellow (90%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.9161, 0.2847, 0.3352 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 90.9161, 0.2847, 0.3352 by changing the saturation by 10% instead.

 90.9161, 0.2847,
0.3352

 90.9161, 0.2847,
0.3352


531.0064, 0.2971,
0.3325

 68.7407, 0.2820,
0.3358


148.6102, 0.2889,
0.3343

 50.5006, 0.2787,
0.3364


184.8978, 0.2906,
0.3340

 35.8113, 0.2747,
0.3373


226.6582, 0.2920,
0.3337

 24.2885, 0.2695,
0.3383

274.2758, 0.2933,
0.3334

 15.5478, 0.2627,
0.3396

328.1350, 0.2944,
0.3331

 9.2047, 0.2535,
0.3413

388.6203, 0.2954,

 4.8749, 0.2400,

0.3329

0.3437

456.1159, 0.2963,
0.3327

■ 2.1741, 0.2189,
0.3470

■ 0.7058, 0.1244,
0.3725

■ 90.9161, 0.2847,
0.3352

■ 90.9161, 0.2847,
0.3352

■ 87.4713, 0.2726,
0.3386

■ 94.9570, 0.2978,
0.3321

■ 84.5853, 0.2619,
0.3422

99.6125, 0.3116,
0.3292

■ 82.2297, 0.2527,
0.3459

100.0000, 0.3127,
0.3290

■ 80.3701, 0.2454,
0.3498

■ 78.9681, 0.2399,
0.3538

■ 77.9796, 0.2365,
0.3578

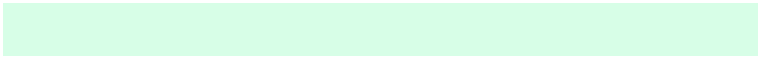
■ 77.3518, 0.2349,
0.3618

■ 77.0158, 0.2348,
0.3654

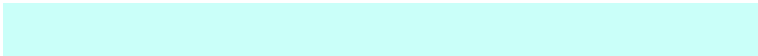
Harmonies

Analogous

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



90.9161, 0.3015, 0.3526



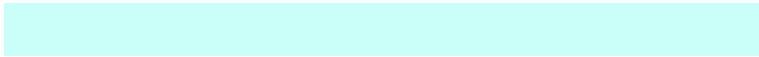
90.9161, 0.2847, 0.3352



90.9161, 0.2754, 0.3166

Triad

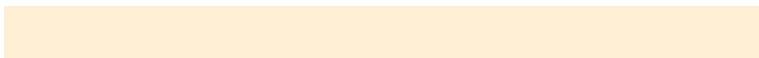
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.9161, 0.2847, 0.3352



90.9161, 0.3027, 0.2974



90.9161, 0.3511, 0.3546

Complementary

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



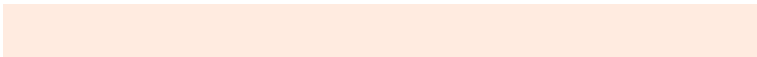
90.9161, 0.2847, 0.3352



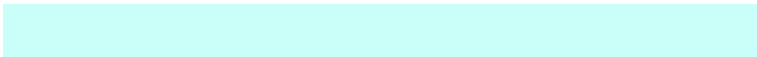
68.0673, 0.3499, 0.3230

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.



90.9161, 0.3516, 0.3394



90.9161, 0.2847, 0.3352



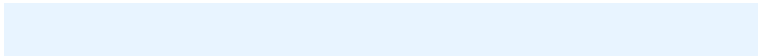
90.9161, 0.3232, 0.3070

Square

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



90.9161, 0.2847, 0.3352



90.9161, 0.2855, 0.2955



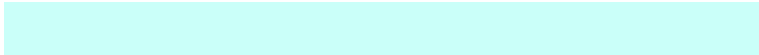
90.9161, 0.3412, 0.3221



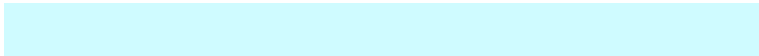
90.9161, 0.3400, 0.3636

Rectangle

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



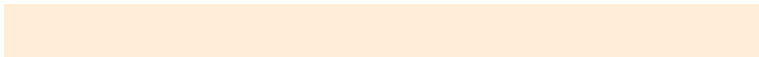
90.9161, 0.2847, 0.3352



90.9161, 0.2744, 0.3063



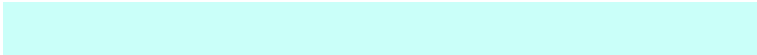
90.9161, 0.3412, 0.3221



90.9161, 0.3525, 0.3500

Sweetspot

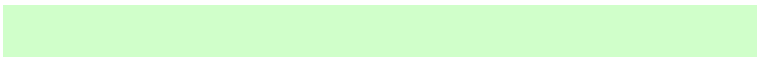
The Sweet Spot groups the original color and five complimentary colors.



90.9189, 0.2847, 0.3352



97.1016, 0.3043, 0.3307



89.2248, 0.3138, 0.3862



20.7191, 0.3034, 0.3309



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

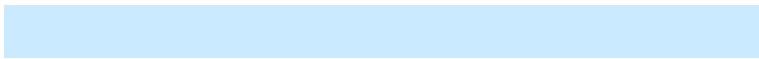
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9189, 0.2847, 0.3352



89.3920, 0.2795, 0.3366



79.0202, 0.2802, 0.3073



20.4439, 0.2995, 0.3317



40.2566, 0.2347, 0.3647



3.9293, 0.2334, 0.3602

Inverse Universe

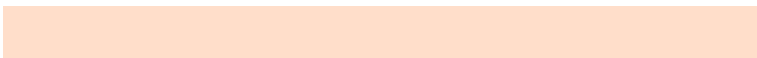
The Inverse Universe completely reimagines the original color for something new.



68.0673, 0.3499, 0.3230



62.7301, 0.3598, 0.3216



77.9438, 0.3505, 0.3497



18.0206, 0.3276, 0.3263



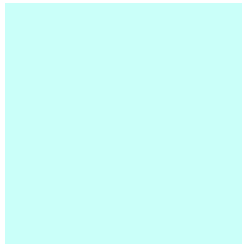
11.1655, 0.6267, 0.3226



1.0975, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 90.9161, 0.2847, 0.3352 looks on a white background.

Color Contrast Check

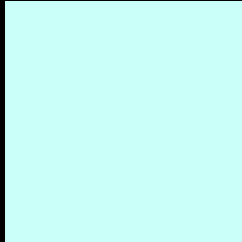
Large Text (above 18pt) WCAG AA × Fail

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 90.9161, 0.2847, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

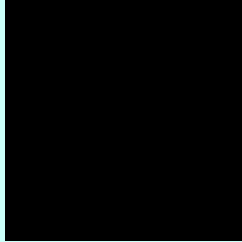
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.9161, 0.2847, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 90.9161, 0.2847, 0.3352.

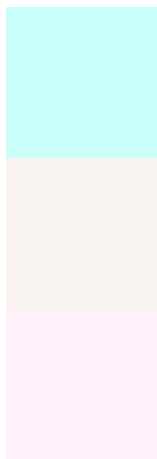


This preview shows how white text looks on a background with the Yxy color 90.9161, 0.2847, 0.3352.

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

90.9161, 0.2847, 0.3352

Protanopia

90.6517, 0.3172, 0.3300

Deuteranopia

90.4197, 0.3171, 0.3203



Tritanopia

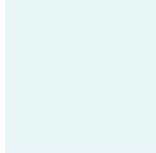
90.5645, 0.2975, 0.3210

Trichromacy



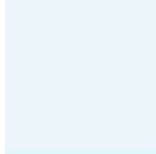
Original Color

90.9161, 0.2847, 0.3352



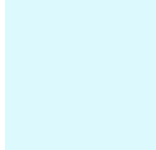
Protanomaly

90.2699, 0.3044, 0.3310



Deuteranomaly

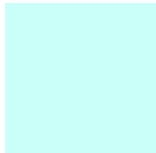
89.9772, 0.3046, 0.3250



Tritanomaly

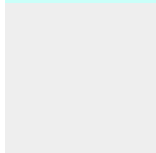
90.6787, 0.2927, 0.3259

Monochromacy



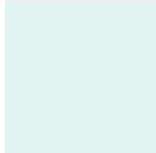
Original Color

90.9161, 0.2847, 0.3352



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.1197, 0.3018, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9161, 0.2847, 0.3352 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(202, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 249)  
}
```

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(202, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 90.9161, 0.2847, 0.3352 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(202, 255, 249) }
```

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

```
.border{ border-color:rgb(202, 255, 249) }
```

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

Here you see how a box with a 4 pixel rgb(202, 255, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9161, 0.2847, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 249) }
```

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

```
.background{ background-color: rgb(202,  
255, 249) }
```

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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