

Converting Colors

$Yxy(82.3680, 0.2619, 0.3399)$

Have a look what the booklet for
Yxy(82.3680, 0.2619, 0.3399)
contains.

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Color

Yxy(82.6109, 0.2619, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	97FCF2
RGB	151, 252, 242
RGB Percent	59%, 99%, 95%
CMY	0.4080, 0.0117, 0.0509
CMYK	0.40, 0.00, 0.04, 0.01
HSL	174°, 94%, 79%
HSV	174°, 40%, 99%
XYZ	63.5973, 82.6109, 96.6222
YIQ	220.6610, -56.9860, -24.5220

Conversions

Conversions Part 2

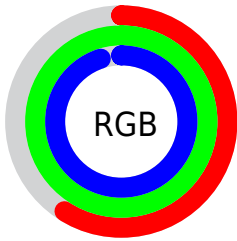
Format	Color
RYB	151, 204, 252
Decimal	9960690
CIELab	92.84, -31.83, -4.53
CIElCh	93, 32.151, 188.100
Yxy	82.6109, 0.2619, 0.3402
Android (android.graphics.Color)	4288150770 (0xFF97FCF2)
YUV	220.6610, 10.5201, -61.0927
Hunter-Lab	90.8905, -34.1597, 0.5945

Details

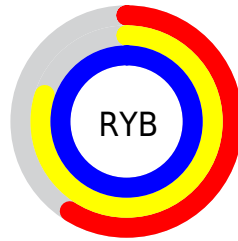
The Yxy color **82.6109, 0.2619, 0.3402** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.3876, 0.4046, 0.3187**, and the grayscale version is **72.0076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **44.9025, 0.2507, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **80.3075, 0.2525, 0.3435**, and if you desaturate by 10%, it is **85.4381, 0.2729, 0.3371**.

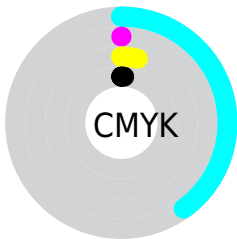
Distribution



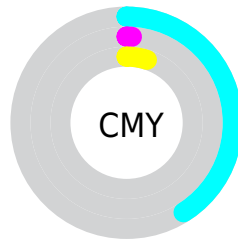
- Red (59%)
- Green (99%)
- Blue (95%)



- Red (59%)
- Yellow (80%)
- Blue (99%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (41%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6109, 0.2619, 0.3402 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 82.6109, 0.2619, 0.3402 by changing the saturation by 10% instead.


 82.6109, 0.2619,
0.3402


 82.6109, 0.2619,
0.3402

503.6888, 0.2846,
0.3355

 61.8692, 0.2569,
0.3412


 137.0304, 0.2696,
0.3386

 44.9270, 0.2508,
0.3424


 171.4769, 0.2727,
0.3380

 31.4000, 0.2433,
0.3438


211.2606, 0.2753,
0.3374

 20.9036, 0.2336,
0.3455

256.7657, 0.2776,
0.3370

 13.0535, 0.2209,
0.3476

308.3767, 0.2797,
0.3365

 7.4654, 0.2036,
0.3502


366.4779, 0.2815,


 3.7548, 0.1784,


0.3361


431.4539, 0.2831,
0.3358


0.3534


 1.5374, 0.1340,
0.3587


 0.3148, 0.0000,
0.3231


 82.6109, 0.2619,
0.3402


 82.6109, 0.2619,
0.3402


 80.3075, 0.2525,
0.3435


 85.4381, 0.2729,
0.3371


 78.4850, 0.2449,
0.3468


 88.8095, 0.2852,
0.3342

 77.1096, 0.2393,
0.3502


 92.7562, 0.2985,
0.3315


 76.1390, 0.2356,
0.3537

 97.3043, 0.3126,
0.3290

 75.5225, 0.2338,
0.3571

 98.0721, 0.3132,
0.3267

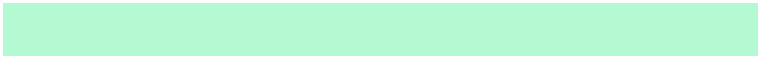
 75.1793, 0.2335,
0.3604

 98.1061, 0.3128,
0.3262

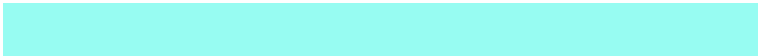
Harmonies

Analogous

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



82.6109, 0.2919, 0.3740



82.6109, 0.2619, 0.3402



82.6109, 0.2456, 0.3052

Triad

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



82.6109, 0.2619, 0.3402



82.6109, 0.2934, 0.2727



82.6109, 0.3836, 0.3741

Complementary

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



82.6109, 0.2619, 0.3402



45.3876, 0.4046, 0.3187

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.



82.6109, 0.3848, 0.3459



82.6109, 0.2619, 0.3402



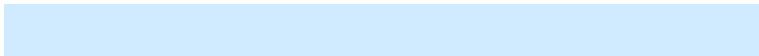
82.6109, 0.3310, 0.2895

Square

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



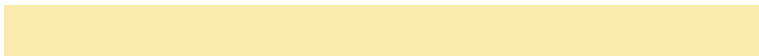
82.6109, 0.2619, 0.3402



82.6109, 0.2629, 0.2688



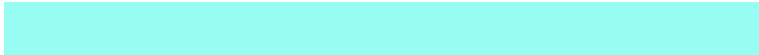
82.6109, 0.3652, 0.3155



82.6109, 0.3625, 0.3927

Rectangle

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



82.6109, 0.2619, 0.3402



82.6109, 0.2440, 0.2868



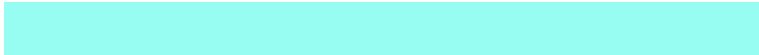
82.6109, 0.3652, 0.3155



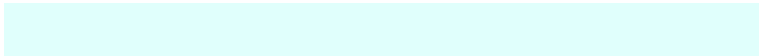
82.6109, 0.3864, 0.3654

Sweetspot

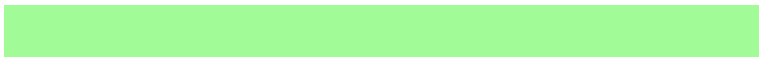
The Sweet Spot groups the original color and five complimentary colors.



82.6142, 0.2619, 0.3402



94.4582, 0.2959, 0.3320



79.4427, 0.3127, 0.4508



20.1004, 0.2941, 0.3323



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

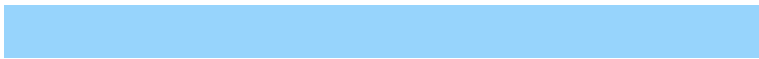
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6142, 0.2619, 0.3402



82.9401, 0.2543, 0.3428



60.4855, 0.2499, 0.2811



19.5773, 0.2994, 0.3313



39.1712, 0.2333, 0.3598



3.6362, 0.2322, 0.3558

Inverse Universe

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



45.3876, 0.4046, 0.3187



39.9603, 0.4334, 0.3169



60.3568, 0.3970, 0.3719



17.2530, 0.3278, 0.3267



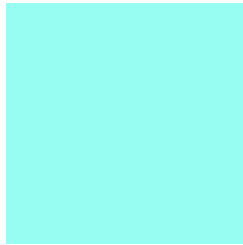
10.8262, 0.6289, 0.3238



1.0117, 0.6068, 0.3116

Previews

White Background



This preview shows how the Yxy color 82.6109, 0.2619, 0.3402 looks on a white background.

Color Contrast Check

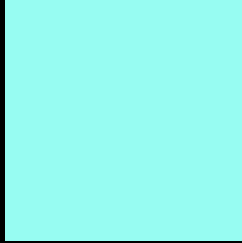
Large Text (above 18pt) WCAG AA × Fail

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 82.6109, 0.2619, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

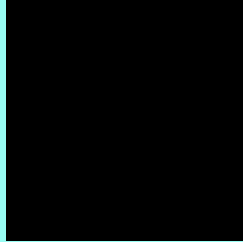
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6109, 0.2619, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 82.6109, 0.2619, 0.3402.

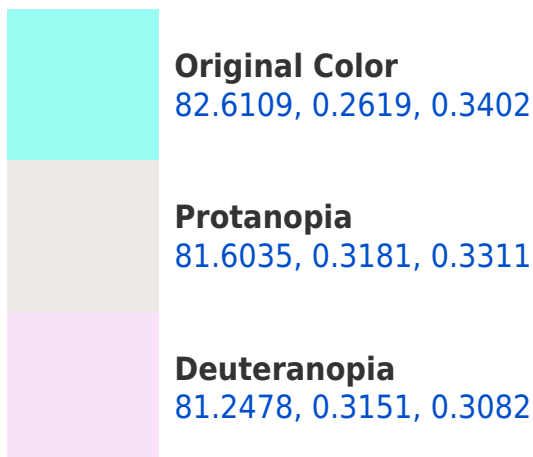


This preview shows how white text looks on a background with the Yxy color 82.6109, 0.2619, 0.3402.

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

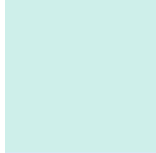
81.9307, 0.2750, 0.3150

Trichromacy



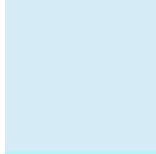
Original Color

82.6109, 0.2619, 0.3402



Protanomaly

80.7953, 0.2945, 0.3343



Deuteranomaly

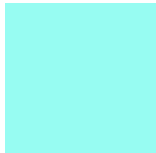
80.1554, 0.2925, 0.3184



Tritanomaly

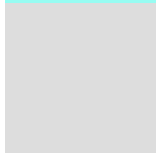
82.1608, 0.2699, 0.3245

Monochromacy



Original Color

82.6109, 0.2619, 0.3402



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.1061, 0.2910, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6109, 0.2619, 0.3402 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(151, 252, 242)` looks like.

```
.text, #text, p{  
    color:rgb(151, 252, 242)  
}
```

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(151, 252, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 252, 242) }
```

Border

The CSS property to change the border of an element to Yxy 82.6109, 0.2619, 0.3402 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(151, 252, 242) }
```

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

```
.border{ border-color:rgb(151, 252, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 252, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 252, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 252, 242);  
box-shadow:4px 4px 4px 4px rgb(151, 252,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6109, 0.2619, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 252, 242) }
```

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

```
.background{ background-color: rgb(151,  
252, 242) }
```

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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