

Converting Colors

$Yxy(93.6863, 0.2773, 0.3993)$

Have a look what the booklet for
Yxy(93.6863, 0.2773, 0.3993)
contains.

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Color

Yxy(82.3762, 0.2757, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	93FFD2
RGB	147, 255, 210
RGB Percent	58%, 100%, 82%
CMY	0.4236, 0.0000, 0.1765
CMYK	0.42, 0.00, 0.18, 0.00
HSL	155°, 100%, 79%
HSV	155°, 42%, 100%
XYZ	59.4221, 82.3762, 73.7334
YIQ	217.5780, -49.9230, -36.8910

Conversions

Conversions Part 2

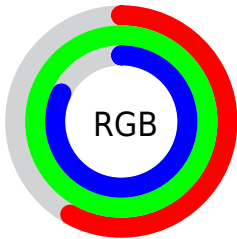
Format	Color
RYB	147, 215, 255
Decimal	9699282
CIELab	92.74, -41.17, 11.85
CIELCh	93, 42.846, 163.938
Yxy	82.3762, 0.2757, 0.3822
Android (android.graphics.Color)	4287889362 (0xFF93FFD2)
YUV	217.5780, -3.7360, -61.8969
Hunter-Lab	90.7613, -41.9671, 15.3665

Details

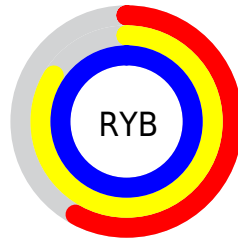
The Yxy color **82.3762, 0.2757, 0.3822** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.9287, 0.3762, 0.2824**, and the grayscale version is **69.8528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **44.8786, 0.2671, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **79.7606, 0.2695, 0.3976**, and if you desaturate by 10%, it is **85.5458, 0.2832, 0.3678**.

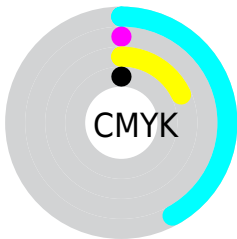
Distribution



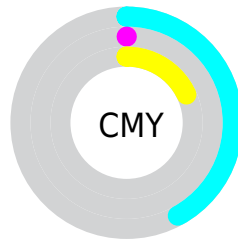
- Red (58%)
- Green (100%)
- Blue (82%)



- Red (58%)
- Yellow (84%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (42%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3762, 0.2757, 0.3822 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 82.3762, 0.2757, 0.3822 by changing the saturation by 10% instead.

 82.3762, 0.2757,
0.3822


 82.3762, 0.2757,
0.3822


502.9052, 0.2929,
0.3572

 61.6757, 0.2718,
0.3880


 136.7014, 0.2817,
0.3734

 44.7707, 0.2669,
0.3952


 171.0949, 0.2840,
0.3701

 31.2768, 0.2608,
0.4044


210.8216, 0.2860,
0.3672

 20.8097, 0.2528,
0.4166

256.2657, 0.2877,
0.3646

 12.9850, 0.2419,
0.4334

307.8117, 0.2892,
0.3624

 7.4182, 0.2262,
0.4579

365.8441, 0.2906,

 3.7250, 0.2020,

0.3605

0.4969

430.7471, 0.2918,
0.3587

■ 1.5210, 0.1309,
0.5933

■ 0.3034, 0.0000,
1.0000

■ 82.3762, 0.2757,
0.3822

■ 82.3762, 0.2757,
0.3822

■ 79.7606, 0.2695,
0.3976

■ 85.5458, 0.2832,
0.3678

■ 77.6688, 0.2649,
0.4136

■ 89.3071, 0.2917,
0.3545

■ 76.0591, 0.2622,
0.4301

■ 93.6882, 0.3009,
0.3423

■ 74.8856, 0.2616,
0.4466

■ 98.7168, 0.3104,
0.3314

■ 74.0930, 0.2630,
0.4627

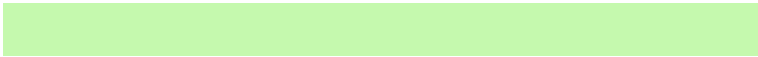
100.0000, 0.3127,
0.3290

■ 73.6817, 0.2652,
0.4747

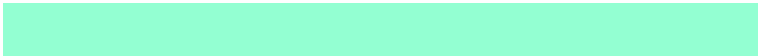
Harmonies

Analogous

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



82.3762, 0.3232, 0.4140



82.3762, 0.2757, 0.3822



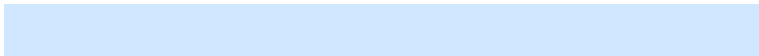
82.3762, 0.2399, 0.3336

Triad

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



82.3762, 0.2757, 0.3822



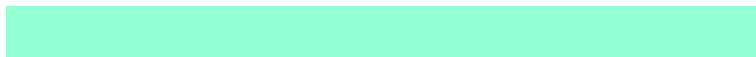
82.3762, 0.2536, 0.2500



82.3762, 0.4111, 0.3572

Complementary

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



82.3762, 0.2757, 0.3822



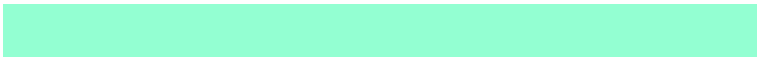
45.9287, 0.3762, 0.2824

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.



82.3762, 0.3900, 0.3179



82.3762, 0.2757, 0.3822



82.3762, 0.2959, 0.2589

Square

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



82.3762, 0.2757, 0.3822



82.3762, 0.2283, 0.2594



82.3762, 0.3464, 0.2831



82.3762, 0.4030, 0.3934

Rectangle

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



82.3762, 0.2757, 0.3822



82.3762, 0.2266, 0.3020



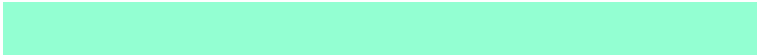
82.3762, 0.3464, 0.2831



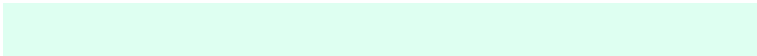
82.3762, 0.4072, 0.3441

Sweetspot

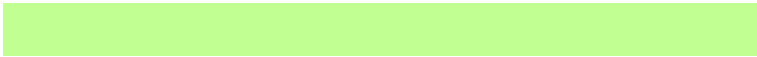
The Sweet Spot groups the original color and five complimentary colors.



82.3744, 0.2757, 0.3822



93.3879, 0.3003, 0.3431



85.0680, 0.3345, 0.4502



19.7721, 0.2982, 0.3457



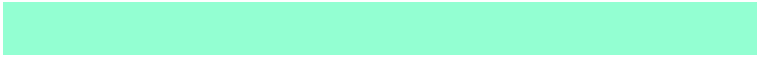
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.3744, 0.2757, 0.3822



80.0842, 0.2702, 0.3954



80.4331, 0.2535, 0.3207



20.3459, 0.3036, 0.3391



38.5307, 0.2645, 0.4721



3.7734, 0.2595, 0.4541

Inverse Universe

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



45.9287, 0.3762, 0.2824



39.1750, 0.3961, 0.2736



46.5391, 0.4205, 0.3369



18.1126, 0.3228, 0.3191



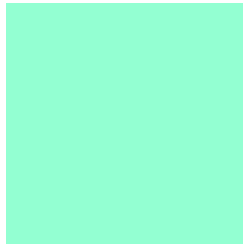
11.6835, 0.5315, 0.2702



1.1588, 0.5020, 0.2539

Previews

White Background



This preview shows how the Yxy color 82.3762, 0.2757, 0.3822 looks on a white background.

Color Contrast Check

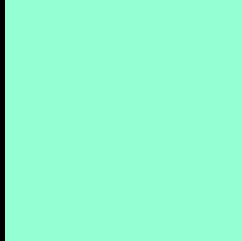
Large Text (above 18pt) WCAG AA × Fail

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 82.3762, 0.2757, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

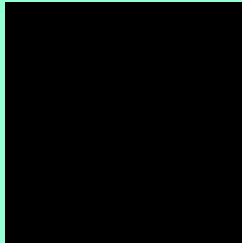
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3762, 0.2757, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 82.3762, 0.2757, 0.3822.



This preview shows how white text looks on a background with the Yxy color 82.3762, 0.2757, 0.3822.

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

82.3762, 0.2757, 0.3822

Protanopia

81.2029, 0.3440, 0.3642

Deuteranopia

81.3655, 0.3372, 0.3361



Tritanopia

81.9307, 0.2750, 0.3150

Trichromacy



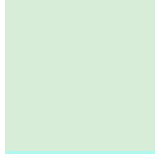
Original Color

82.3762, 0.2757, 0.3822



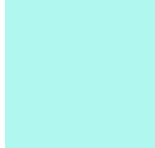
Protanomaly

80.1398, 0.3153, 0.3710



Deuteranomaly

80.1252, 0.3117, 0.3517



Tritanomaly

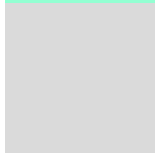
81.9836, 0.2750, 0.3378

Monochromacy



Original Color

82.3762, 0.2757, 0.3822



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.2646, 0.2966, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3762, 0.2757, 0.3822 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(147, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(147, 255, 210)  
}
```

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(147, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 82.3762, 0.2757, 0.3822 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(147, 255, 210) }
```

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

```
.border{ border-color:rgb(147, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(147, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3762, 0.2757, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 255, 210) }
```

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

```
.background{ background-color: rgb(147,  
255, 210) }
```

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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