

Converting Colors

Yxy(81.8050, 0.2727, 0.3708)

Have a look what the booklet for
Yxy(81.8050, 0.2727, 0.3708)
contains.

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Color

Yxy(81.7021, 0.2725, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	95FDDA
RGB	149, 253, 218
RGB Percent	58%, 99%, 85%
CMY	0.4158, 0.0078, 0.1450
CMYK	0.41, 0.00, 0.14, 0.01
HSL	160°, 96%, 79%
HSV	160°, 41%, 99%
XYZ	60.1725, 81.7021, 78.9419
YIQ	217.9140, -50.7490, -32.9330

Conversions

Conversions Part 2

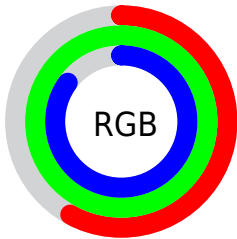
Format	Color
RYB	149, 212, 253
Decimal	9829850
CIELab	92.44, -38.10, 7.30
CIELCh	92, 38.792, 169.154
Yxy	81.7021, 0.2725, 0.3700
Android (android.graphics.Color)	4288019930 (0xFF95FDDA)
YUV	217.9140, 0.0424, -60.4376
Hunter-Lab	90.3892, -39.3529, 11.4912

Details

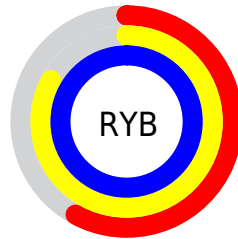
The Yxy color **81.7021, 0.2725, 0.3700** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.8291, 0.3822, 0.2924**, and the grayscale version is **70.0729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **44.3995, 0.2635, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **79.1449, 0.2653, 0.3821**, and if you desaturate by 10%, it is **84.8055, 0.2810, 0.3587**.

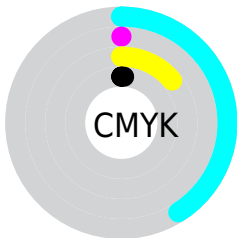
Distribution



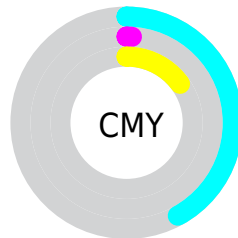
- Red (58%)
- Green (99%)
- Blue (85%)



- Red (58%)
- Yellow (83%)
- Blue (99%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)





- Cyan (42%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7021, 0.2725, 0.3700 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 81.7021, 0.2725, 0.3700 by changing the saturation by 10% instead.


 81.7021, 0.2725,
0.3700


 81.7021, 0.2725,
0.3700


500.6507, 0.2909,
0.3509

 61.1200, 0.2683,
0.3744

 135.7562, 0.2789,
0.3634

 44.3220, 0.2632,
0.3798


 169.9969, 0.2813,
0.3608

 30.9238, 0.2568,
0.3867


209.5594, 0.2835,
0.3586

 20.5408, 0.2484,
0.3958

254.8279, 0.2853,
0.3566

 12.7888, 0.2372,
0.4081

306.1869, 0.2870,
0.3549

 7.2832, 0.2213,
0.4261

364.0208, 0.2885,

 3.6399, 0.1972,

0.3534

428.7139, 0.2898,
0.3521

0.4543

1.4742, 0.1334,
0.5185

0.2705, 0.0000,
1.0000

81.7021, 0.2725,
0.3700

81.7021, 0.2725,
0.3700

79.1449, 0.2653,
0.3821

84.8055, 0.2810,
0.3587

77.0900, 0.2598,
0.3947

88.4765, 0.2905,
0.3482

75.5024, 0.2562,
0.4077

92.7469, 0.3008,
0.3386

74.3383, 0.2547,
0.4208

97.6435, 0.3115,
0.3299

■ 73.5453, 0.2552,
0.4338

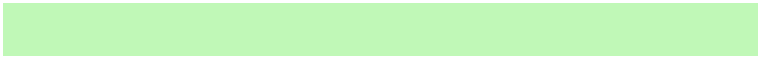
98.7354, 0.3128,
0.3271

■ 73.0797, 0.2570,
0.4452

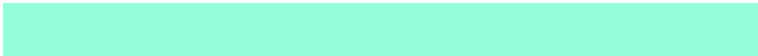
Harmonies

Analogous

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



81.7021, 0.3148, 0.4023



81.7021, 0.2725, 0.3700



81.7021, 0.2423, 0.3257

Triad

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



81.7021, 0.2725, 0.3700



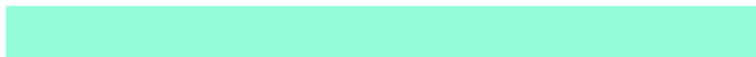
81.7021, 0.2646, 0.2569



81.7021, 0.4026, 0.3615

Complementary

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



81.7021, 0.2725, 0.3700



45.8291, 0.3822, 0.2924

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.



81.7021, 0.3879, 0.3254



81.7021, 0.2725, 0.3700



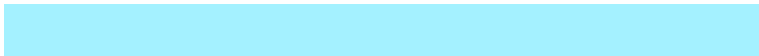
81.7021, 0.3054, 0.2677

Square

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



81.7021, 0.2725, 0.3700



81.7021, 0.2382, 0.2627



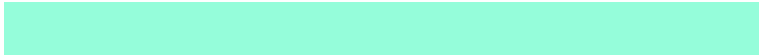
81.7021, 0.3512, 0.2921



81.7021, 0.3912, 0.3929

Rectangle

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



81.7021, 0.2725, 0.3700



81.7021, 0.2321, 0.2982



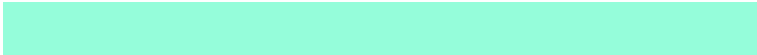
81.7021, 0.3512, 0.2921



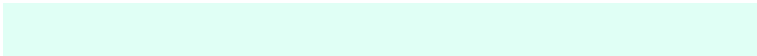
81.7021, 0.4006, 0.3496

Sweetspot

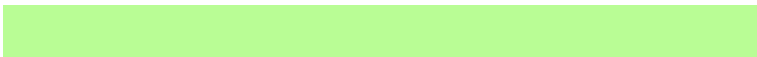
The Sweet Spot groups the original color and five complimentary colors.



81.7054, 0.2725, 0.3700



94.0061, 0.2999, 0.3394



82.7866, 0.3285, 0.4484



19.9935, 0.2985, 0.3406



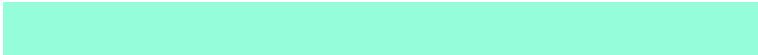
0.0000, 0.0000, 0.0000



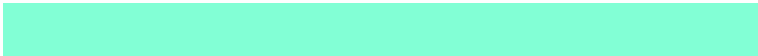
21.4041, 0.3127, 0.3290

Same Dimension

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



81.7054, 0.2725, 0.3700



81.0729, 0.2667, 0.3795



74.2809, 0.2533, 0.3109



20.3715, 0.3025, 0.3371



38.9014, 0.2564, 0.4431



3.8081, 0.2524, 0.4285

Inverse Universe

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



45.8291, 0.3822, 0.2924



40.2198, 0.4027, 0.2858



49.8112, 0.4118, 0.3458



18.0879, 0.3241, 0.3210



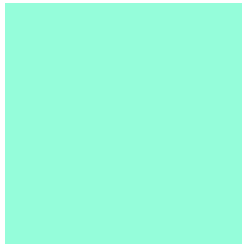
11.4826, 0.5636, 0.2878



1.1374, 0.5318, 0.2703

Previews

White Background



This preview shows how the Yxy color 81.7021, 0.2725, 0.3700 looks on a white background.

Color Contrast Check

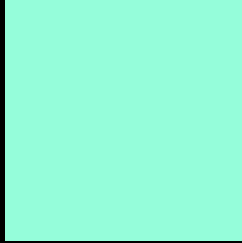
Large Text (above 18pt) WCAG AA × Fail

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 81.7021, 0.2725, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

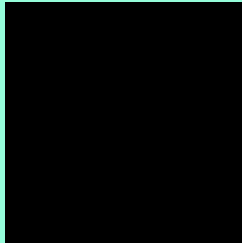
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.7021, 0.2725, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 81.7021, 0.2725, 0.3700.



This preview shows how white text looks on a background with the Yxy color 81.7021, 0.2725, 0.3700.

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

81.7021, 0.2725, 0.3700

Protanopia

80.5341, 0.3360, 0.3539

Deuteranopia

80.5467, 0.3340, 0.3291



Tritanopia

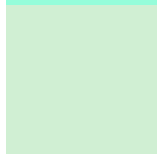
80.9494, 0.2733, 0.3138

Trichromacy



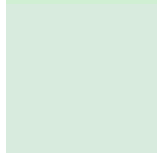
Original Color

81.7021, 0.2725, 0.3700



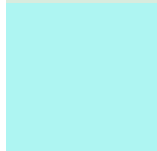
Protanomaly

79.8460, 0.3093, 0.3598



Deuteranomaly

79.2895, 0.3081, 0.3430



Tritanomaly

80.7143, 0.2722, 0.3322

Monochromacy



Original Color

81.7021, 0.2725, 0.3700



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.5512, 0.2955, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7021, 0.2725, 0.3700 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(149, 253, 218)` looks like.

```
.text, #text, p{  
    color:rgb(149, 253, 218)  
}
```

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(149, 253, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 253, 218) }
```

Border

The CSS property to change the border of an element to Yxy 81.7021, 0.2725, 0.3700 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(149, 253, 218) }
```

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

```
.border{ border-color:rgb(149, 253, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 253, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 253, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 253, 218);  
box-shadow:4px 4px 4px 4px rgb(149, 253,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7021, 0.2725, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 253, 218) }
```

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

```
.background{ background-color: rgb(149,  
253, 218) }
```

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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