

Converting Colors

$Y_{xy}(81.1000, 0.2788, 0.3995)$

Have a look what the booklet for
Yxy(81.1000, 0.2788, 0.3995)
contains.

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Color

Yxy(81.1267, 0.2787, 0.3991)

Conversions

Conversions Part 1

Format	Color
Hex	8CFFC5
RGB	140, 255, 197
RGB Percent	55%, 100%, 77%
CMY	0.4510, 0.0000, 0.2275
CMYK	0.45, 0.00, 0.23, 0.00
HSL	150°, 100%, 77%
HSV	150°, 45%, 100%
XYZ	56.6525, 81.1267, 65.4949
YIQ	214.0030, -49.9220, -42.4180

Conversions

Conversions Part 2

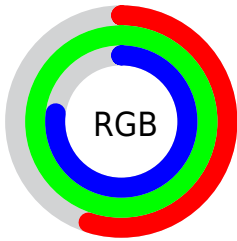
Format	Color
RYB	140, 217, 255
Decimal	9240517
CIELab	92.19, -45.54, 17.70
CIELCh	92, 48.859, 158.757
Yxy	81.1267, 0.2787, 0.3991
Android (android.graphics.Color)	4287430597 (0xFF8CFFC5)
YUV	214.0030, -8.3825, -64.9006
Hunter-Lab	90.0704, -45.3501, 19.9364

Details

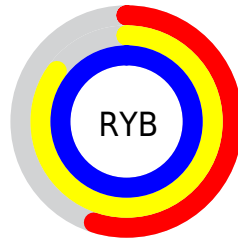
The Yxy color **81.1267, 0.2787, 0.3991** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.0928, 0.3716, 0.2695**, and the grayscale version is **67.3289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6815, 0.2799, 0.3300**, and **44.1207, 0.2702, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **78.5974, 0.2737, 0.4183**, and if you desaturate by 10%, it is **84.2191, 0.2850, 0.3810**.

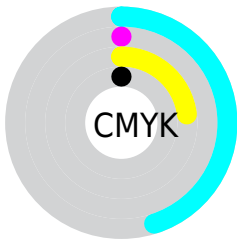
Distribution



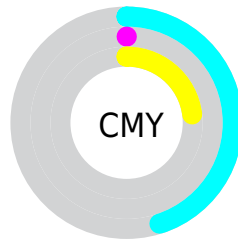
- Red (55%)
- Green (100%)
- Blue (77%)



- Red (55%)
- Yellow (85%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1267, 0.2787, 0.3991 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 81.1267, 0.2787, 0.3991 by changing the saturation by 10% instead.


 81.1267, 0.2787,
0.3991

 81.1267, 0.2787,
0.3991


498.7218, 0.2949,
0.3657

 60.6460, 0.2749,
0.4070


 134.9487, 0.2844,
0.3873

 43.9395, 0.2702,
0.4168


 169.0587, 0.2866,
0.3828

 30.6230, 0.2641,
0.4294


208.4805, 0.2885,
0.3789

 20.3119, 0.2560,
0.4462

253.5987, 0.2901,
0.3756

 12.6220, 0.2447,
0.4697

304.7975, 0.2915,
0.3726

 7.1688, 0.2281,
0.5043

362.4613, 0.2928,

 3.5679, 0.2015,

0.3700

426.9747, 0.2939,
0.3677

0.5601

1.4349, 0.0929,
0.7810

0.2422, 0.0000,
1.0000

81.1267, 0.2787,
0.3991

81.1267, 0.2787,
0.3991

78.5974, 0.2737,
0.4183

84.2191, 0.2850,
0.3810

76.5947, 0.2703,
0.4382

87.9088, 0.2923,
0.3643

75.0763, 0.2689,
0.4583

92.2268, 0.3002,
0.3491

73.9936, 0.2695,
0.4780

97.2018, 0.3084,
0.3354

■ 73.2869, 0.2720,
0.4968

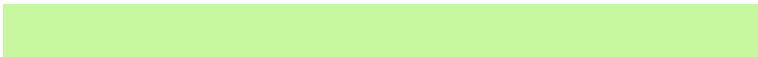
100.0000, 0.3127,
0.3290

■ 73.0365, 0.2738,
0.5055

Harmonies

Analogous

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



81.1267, 0.3337, 0.4303



81.1267, 0.2787, 0.3991



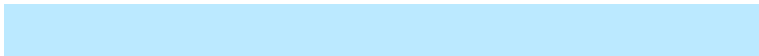
81.1267, 0.2354, 0.3438

Triad

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



81.1267, 0.2787, 0.3991



81.1267, 0.2391, 0.2399



81.1267, 0.4237, 0.3522

Complementary

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



81.1267, 0.2787, 0.3991



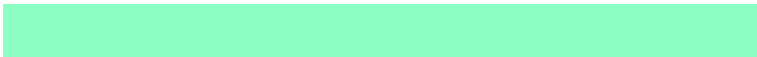
44.0928, 0.3716, 0.2695

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.



81.1267, 0.3941, 0.3085



81.1267, 0.2787, 0.3991



81.1267, 0.2838, 0.2468

Square

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



81.1267, 0.2787, 0.3991



81.1267, 0.2146, 0.2536



81.1267, 0.3410, 0.2713



81.1267, 0.4196, 0.3948

Rectangle

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



81.1267, 0.2787, 0.3991



81.1267, 0.2179, 0.3061



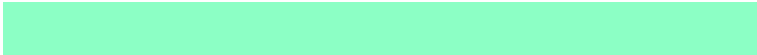
81.1267, 0.3410, 0.2713



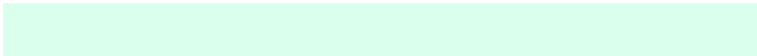
81.1267, 0.4174, 0.3374

Sweetspot

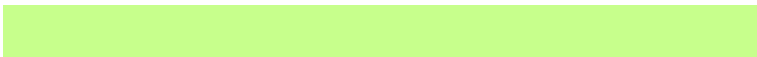
The Sweet Spot groups the original color and five complimentary colors.



81.1265, 0.2787, 0.3991



92.7408, 0.3011, 0.3475



85.6125, 0.3418, 0.4561



19.6359, 0.2993, 0.3506



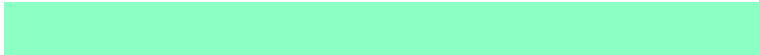
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

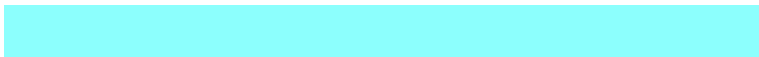
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1265, 0.2787, 0.3991



78.8489, 0.2742, 0.4161



84.1925, 0.2529, 0.3310



20.3183, 0.3048, 0.3412



38.1932, 0.2729, 0.5026



3.7408, 0.2671, 0.4817

Inverse Universe

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



44.0928, 0.3716, 0.2695



37.6297, 0.3892, 0.2589



41.9661, 0.4329, 0.3274



18.1399, 0.3215, 0.3171



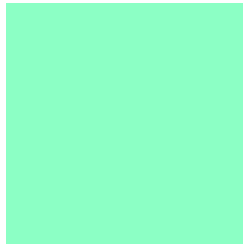
11.9618, 0.4946, 0.2498



1.1867, 0.4694, 0.2359

Previews

White Background



This preview shows how the Yxy color 81.1267, 0.2787, 0.3991 looks on a white background.

Color Contrast Check

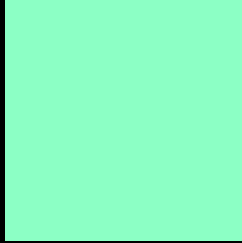
Large Text (above 18pt) WCAG AA × Fail

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 81.1267, 0.2787, 0.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

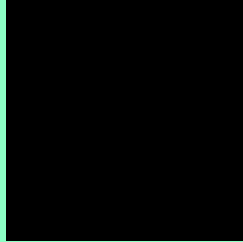
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1267, 0.2787, 0.3991

Background



This preview shows how black text looks on a background with the Yxy color 81.1267, 0.2787, 0.3991.

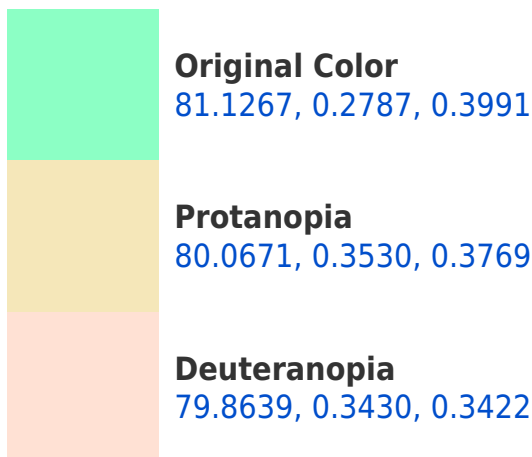


This preview shows how white text looks on a background with the Yxy color 81.1267, 0.2787, 0.3991.

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

80.4449, 0.2711, 0.3137

Trichromacy



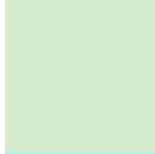
Original Color

81.1267, 0.2787, 0.3991



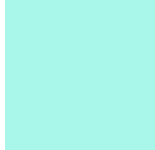
Protanomaly

79.2597, 0.3219, 0.3861



Deuteranomaly

78.6420, 0.3152, 0.3609



Tritanomaly

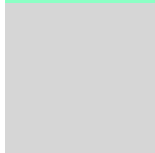
80.2871, 0.2737, 0.3425

Monochromacy



Original Color

81.1267, 0.2787, 0.3991



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

71.1575, 0.2975, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1267, 0.2787, 0.3991 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(140, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 197)  
}
```

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(140, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 197) }
```

Border

The CSS property to change the border of an element to Yxy 81.1267, 0.2787, 0.3991 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(140, 255, 197) }
```

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

```
.border{ border-color:rgb(140, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1267, 0.2787, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 197) }
```

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

```
.background{ background-color: rgb(140,  
255, 197) }
```

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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