

Converting Colors

$Yxy(82.4347, 0.2665, 0.3667)$

Have a look what the booklet for
Yxy(82.4347, 0.2665, 0.3667)
contains.

Yxy(82.4232, 0.2663, 0.3665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.4232, 0.2663, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	8CFFDF
RGB	140, 255, 223
RGB Percent	55%, 100%, 87%
CMY	0.4512, 0.0000, 0.1254
CMYK	0.45, 0.00, 0.13, 0.00
HSL	163°, 100%, 77%
HSV	163°, 45%, 100%
XYZ	59.8889, 82.4232, 82.5806
YIQ	216.9670, -58.2680, -34.3320

Conversions

Conversions Part 2

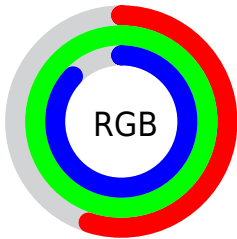
Format	Color
RYB	140, 207, 255
Decimal	9240543
CIELab	92.76, -40.15, 5.13
CIELCh	93, 40.472, 172.720
Yxy	82.4232, 0.2663, 0.3665
Android (android.graphics.Color)	4287430623 (0xFF8CFFDF)
YUV	216.9670, 2.9743, -67.5001
Hunter-Lab	90.7872, -41.1279, 9.6205

Details

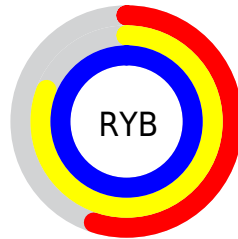
The Yxy color **82.4232, 0.2663, 0.3665** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.9739, 0.3997, 0.2959**, and the grayscale version is **69.3617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **44.9647, 0.2560, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **80.0816, 0.2593, 0.3765**, and if you desaturate by 10%, it is **85.2860, 0.2749, 0.3570**.

Distribution



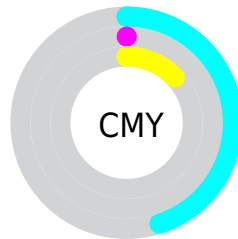
- Red (55%)
- Green (100%)
- Blue (87%)



- Red (55%)
- Yellow (81%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4232, 0.2663, 0.3665 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 82.4232, 0.2663, 0.3665 by changing the saturation by 10% instead.


 82.4232, 0.2663,
0.3665


 82.4232, 0.2663,
0.3665


503.0622, 0.2874,
0.3492

 61.7144, 0.2616,
0.3704


 136.7673, 0.2735,
0.3605

 44.8020, 0.2558,
0.3753


 171.1714, 0.2764,
0.3582

 31.3015, 0.2485,
0.3814

210.9095, 0.2788,
0.3562

 20.8285, 0.2392,
0.3894

256.3658, 0.2810,
0.3544

 12.9987, 0.2267,
0.4003

307.9249, 0.2829,
0.3529

 7.4277, 0.2093,
0.4159

365.9710, 0.2846,

 3.7310, 0.1833,

0.3515

430.8887, 0.2860,
0.3503

0.4398

1.5242, 0.1177,
0.4944

0.3057, 0.0000,
1.0000

82.4232, 0.2663,
0.3665

82.4232, 0.2663,
0.3665

80.0816, 0.2593,
0.3765

85.2860, 0.2749,
0.3570

78.2370, 0.2540,
0.3869

88.7145, 0.2847,
0.3481

76.8444, 0.2507,
0.3975

92.7349, 0.2954,
0.3400

75.8565, 0.2495,
0.4081

97.3750, 0.3068,
0.3325

■ 75.2146, 0.2502,
0.4186

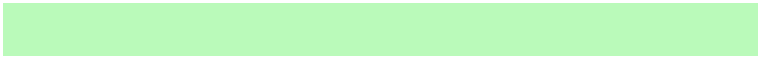
100.0000, 0.3127,
0.3290

■ 74.9863, 0.2510,
0.4237

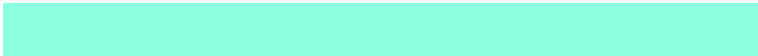
Harmonies

Analogous

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



82.4232, 0.3092, 0.4027



82.4232, 0.2663, 0.3665



82.4232, 0.2371, 0.3200

Triad

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



82.4232, 0.2663, 0.3665



82.4232, 0.2671, 0.2547



82.4232, 0.4062, 0.3668

Complementary

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



82.4232, 0.2663, 0.3665



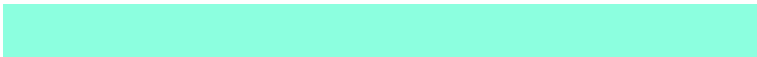
42.9739, 0.3997, 0.2959

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.



82.4232, 0.3941, 0.3295



82.4232, 0.2663, 0.3665



82.4232, 0.3107, 0.2678

Square

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



82.4232, 0.2663, 0.3665



82.4232, 0.2377, 0.2585



82.4232, 0.3580, 0.2944



82.4232, 0.3912, 0.3983

Rectangle

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



82.4232, 0.2663, 0.3665



82.4232, 0.2282, 0.2923



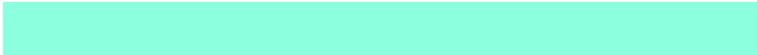
82.4232, 0.3580, 0.2944



82.4232, 0.4053, 0.3546

Sweetspot

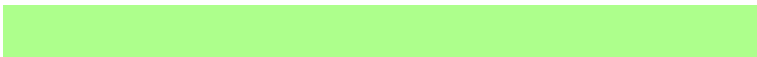
The Sweet Spot groups the original color and five complimentary colors.



82.4192, 0.2663, 0.3665



93.2240, 0.2967, 0.3391



82.2436, 0.3246, 0.4634



19.7539, 0.2943, 0.3408



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

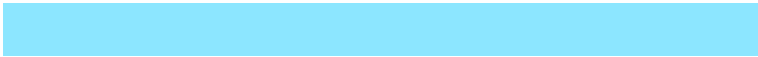
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4192, 0.2663, 0.3665



80.3186, 0.2600, 0.3754



69.4230, 0.2469, 0.2998



20.3903, 0.3017, 0.3357



39.2086, 0.2506, 0.4220



3.8362, 0.2472, 0.4100

Inverse Universe

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



42.9739, 0.3997, 0.2959



36.4383, 0.4271, 0.2903



50.0149, 0.4221, 0.3554



18.0700, 0.3250, 0.3224



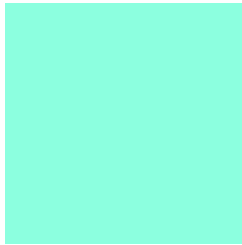
11.3672, 0.5845, 0.2994



1.1244, 0.5526, 0.2818

Previews

White Background



This preview shows how the Yxy color 82.4232, 0.2663, 0.3665 looks on a white background.

Color Contrast Check

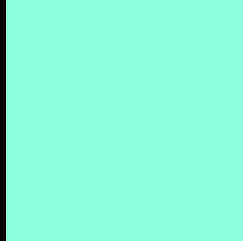
Large Text (above 18pt) WCAG AA × Fail

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 82.4232, 0.2663, 0.3665 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 82.4232, 0.2663, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 82.4232, 0.2663, 0.3665.

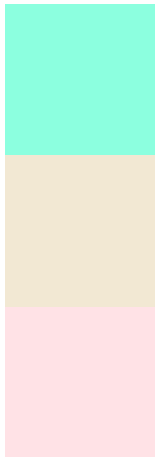


This preview shows how white text looks on a background with the Yxy color 82.4232, 0.2663, 0.3665.

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

82.4232, 0.2663, 0.3665

Protanopia

81.2936, 0.3332, 0.3507

Deuteranopia

81.3659, 0.3305, 0.3251



Tritanopia

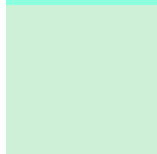
81.6714, 0.2739, 0.3149

Trichromacy



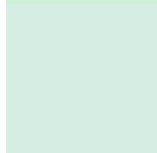
Original Color

82.4232, 0.2663, 0.3665



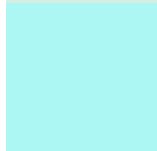
Protanomaly

80.2056, 0.3049, 0.3565



Deuteranomaly

80.2606, 0.3030, 0.3397



Tritanomaly

81.7632, 0.2709, 0.3333

Monochromacy



Original Color

82.4232, 0.2663, 0.3665



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

73.0851, 0.2923, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4232, 0.2663, 0.3665 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 223) }
```

Border

The CSS property to change the border of an element to Yxy 82.4232, 0.2663, 0.3665 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, 223) }
```

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

```
.border{ border-color:rgb(140, 255, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4232, 0.2663, 0.3665 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, 223) }
```

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

```
.background{ background-color: rgb(140,  
255, 223) }
```

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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