

Converting Colors

$Yxy(81.9863, 0.2702, 0.3767)$

Have a look what the booklet for
Yxy(81.9863, 0.2702, 0.3767)
contains.

Yxy(82.0017, 0.2701, 0.3764)	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(82.0017, 0.2701, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	8CFFD7
RGB	140, 255, 215
RGB Percent	55%, 100%, 84%
CMY	0.4509, 0.0000, 0.1569
CMYK	0.45, 0.00, 0.16, 0.00
HSL	159°, 100%, 77%
HSV	159°, 45%, 100%
XYZ	58.8434, 82.0017, 77.0128
YIQ	216.0550, -55.7000, -36.8200

Conversions

Conversions Part 2

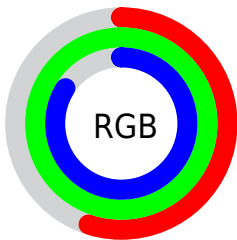
Format	Color
RYB	140, 210, 255
Decimal	9240535
CIELab	92.58, -41.85, 9.00
CIELCh	93, 42.812, 167.860
Yxy	82.0017, 0.2701, 0.3764
Android (android.graphics.Color)	4287430615 (0xFF8CFFD7)
YUV	216.0550, -0.5201, -66.7002
Hunter-Lab	90.5548, -42.4798, 12.9649

Details

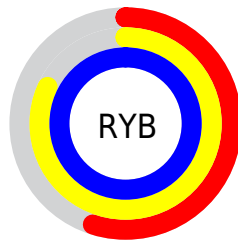
The Yxy color **82.0017, 0.2701, 0.3764** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.3208, 0.3908, 0.2876**, and the grayscale version is **68.7459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **44.6756, 0.2605, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **79.5952, 0.2637, 0.3892**, and if you desaturate by 10%, it is **84.9507, 0.2780, 0.3643**.

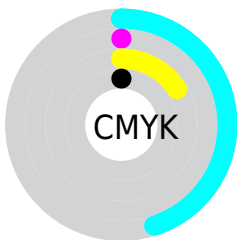
Distribution



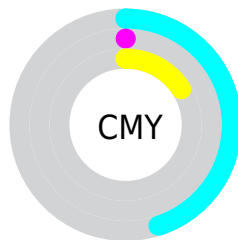
- Red (55%)
- Green (100%)
- Blue (84%)



- Red (55%)
- Yellow (82%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0017, 0.2701, 0.3764 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 82.0017, 0.2701, 0.3764 by changing the saturation by 10% instead.


 82.0017, 0.2701,
0.3764


 82.0017, 0.2701,
0.3764


501.6534, 0.2897,
0.3542

 61.3669, 0.2657,
0.3815


 136.1764, 0.2769,
0.3687

 44.5214, 0.2602,
0.3879


 170.4851, 0.2795,
0.3657

 31.0806, 0.2533,
0.3959


210.1206, 0.2818,
0.3631

 20.6602, 0.2444,
0.4065

255.4672, 0.2838,
0.3609

 12.8759, 0.2324,
0.4211

306.9094, 0.2855,
0.3589

 7.3431, 0.2153,
0.4423


364.8316, 0.2871,


 3.6776, 0.1895,


0.3572

0.4757


429.6181, 0.2884,
0.3556


 1.4949, 0.1124,
0.5572


 0.2851, 0.0000,
1.0000


 82.0017, 0.2701,
0.3764


 82.0017, 0.2701,
0.3764


 79.5952, 0.2637,
0.3892

 84.9507, 0.2780,
0.3643


 77.6880, 0.2590,
0.4025

 88.4684, 0.2870,
0.3531

 76.2414, 0.2563,
0.4161

 92.5871, 0.2969,
0.3427

 75.2078, 0.2557,
0.4297

 97.3348, 0.3073,
0.3334

■ 74.5284, 0.2570,
0.4431

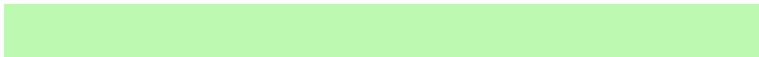
100.0000, 0.3127,
0.3290

■ 74.2833, 0.2582,
0.4495

Harmonies

Analogous

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



82.0017, 0.3168, 0.4114



82.0017, 0.2701, 0.3764



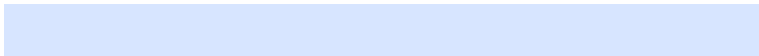
82.0017, 0.2365, 0.3271

Triad

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



82.0017, 0.2701, 0.3764



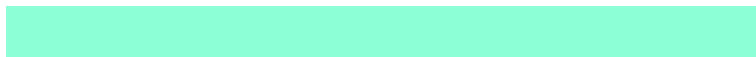
82.0017, 0.2583, 0.2501



82.0017, 0.4118, 0.3623

Complementary

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



82.0017, 0.2701, 0.3764



43.3208, 0.3908, 0.2876

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.



82.0017, 0.3943, 0.3230



82.0017, 0.2701, 0.3764



82.0017, 0.3023, 0.2612

Square

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



82.0017, 0.2701, 0.3764



82.0017, 0.2304, 0.2570



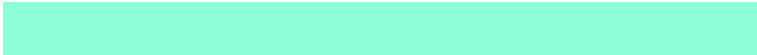
82.0017, 0.3529, 0.2871



82.0017, 0.4000, 0.3975

Rectangle

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



82.0017, 0.2701, 0.3764



82.0017, 0.2250, 0.2964



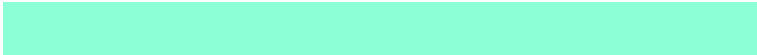
82.0017, 0.3529, 0.2871



82.0017, 0.4092, 0.3492

Sweetspot

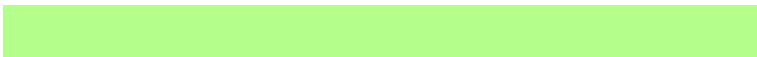
The Sweet Spot groups the original color and five complimentary colors.



82.0040, 0.2701, 0.3764



93.0723, 0.2980, 0.3417



83.1498, 0.3294, 0.4612



19.7167, 0.2958, 0.3438



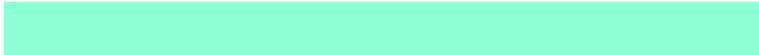
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.0040, 0.2701, 0.3764



79.8321, 0.2643, 0.3878



73.8039, 0.2485, 0.3089



20.3678, 0.3027, 0.3374



38.8439, 0.2576, 0.4473



3.8028, 0.2534, 0.4322

Inverse Universe

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



43.3208, 0.3908, 0.2876



36.7769, 0.4151, 0.2804



47.3609, 0.4260, 0.3474



18.0914, 0.3239, 0.3208



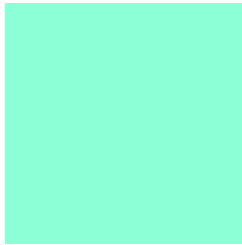
11.5086, 0.5591, 0.2854



1.1403, 0.5275, 0.2680

Previews

White Background



This preview shows how the Yxy color 82.0017, 0.2701, 0.3764 looks on a white background.

Color Contrast Check

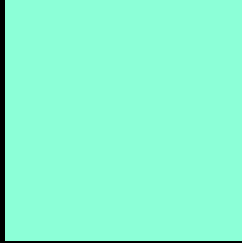
Large Text (above 18pt) WCAG AA × Fail

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 82.0017, 0.2701, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

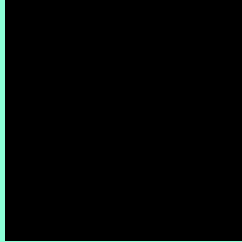
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

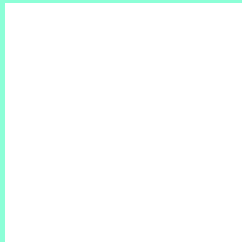
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0017, 0.2701, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 82.0017, 0.2701, 0.3764.

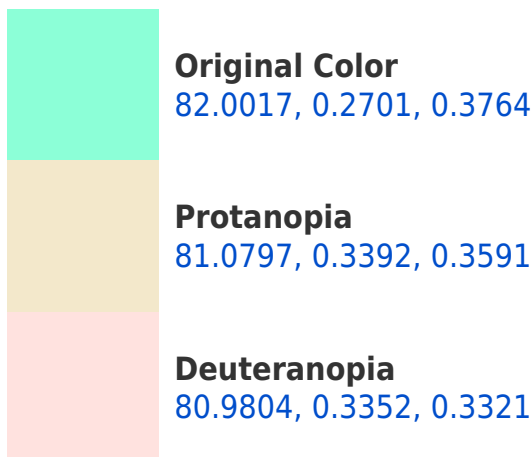


This preview shows how white text looks on a background with the Yxy color 82.0017, 0.2701, 0.3764.

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

81.4156, 0.2728, 0.3149

Trichromacy



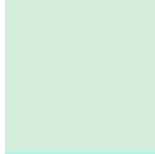
Original Color

82.0017, 0.2701, 0.3764



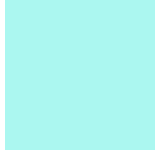
Protanomaly

79.9470, 0.3103, 0.3655



Deuteranomaly

79.8818, 0.3072, 0.3474



Tritanomaly

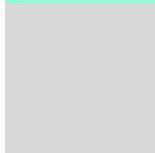
81.4707, 0.2719, 0.3367

Monochromacy



Original Color

82.0017, 0.2701, 0.3764



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

72.2429, 0.2934, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0017, 0.2701, 0.3764 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 215) }
```

Border

The CSS property to change the border of an element to Yxy 82.0017, 0.2701, 0.3764 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, 215) }
```

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

```
.border{ border-color:rgb(140, 255, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0017, 0.2701, 0.3764 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, 215) }
```

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

```
.background{ background-color: rgb(140,  
255, 215) }
```

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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