

Converting Colors

$Yxy(82.0977, 0.2704, 0.3761)$

Have a look what the booklet for
Yxy(82.0977, 0.2704, 0.3761)
contains.

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Color

Yxy(82.0890, 0.2705, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	8DFFD7
RGB	141, 255, 215
RGB Percent	55%, 100%, 84%
CMY	0.4472, 0.0000, 0.1567
CMYK	0.45, 0.00, 0.16, 0.00
HSL	159°, 100%, 78%
HSV	159°, 45%, 100%
XYZ	59.0090, 82.0890, 77.0498
YIQ	216.3540, -55.1040, -36.6080

Conversions

Conversions Part 2

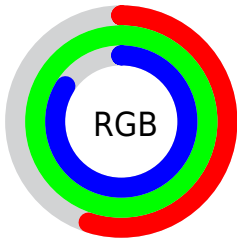
Format	Color
RYB	141, 210, 255
Decimal	9306071
CIELab	92.61, -41.62, 9.04
CIELCh	93, 42.592, 167.744
Yxy	82.0890, 0.2705, 0.3763
Android (android.graphics.Color)	4287496151 (0xFF8DFFD7)
YUV	216.3540, -0.6675, -66.0855
Hunter-Lab	90.6030, -42.2996, 13.0012

Details

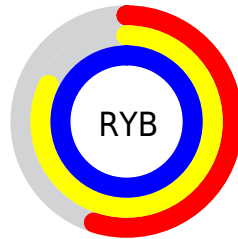
The Yxy color **82.0890, 0.2705, 0.3763** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.6318, 0.3895, 0.2876**, and the grayscale version is **68.9506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **44.7201, 0.2609, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **79.6576, 0.2640, 0.3892**, and if you desaturate by 10%, it is **85.0576, 0.2784, 0.3641**.

Distribution



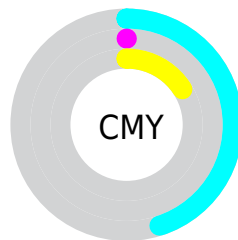
- Red (55%)
- Green (100%)
- Blue (84%)



- 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 82.0890, 0.2705, 0.3763 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 82.0890, 0.2705, 0.3763 by changing the saturation by 10% instead.


 82.0890, 0.2705,
0.3763

 82.0890, 0.2705,
0.3763


501.9453, 0.2899,
0.3542

 61.4389, 0.2661,
0.3814


 136.2988, 0.2772,
0.3686

 44.5795, 0.2607,
0.3877


 170.6273, 0.2798,
0.3656

 31.1263, 0.2539,
0.3958


210.2840, 0.2821,
0.3630

 20.6951, 0.2450,
0.4064

255.6534, 0.2840,
0.3608

 12.9013, 0.2331,
0.4209

307.1199, 0.2858,
0.3588

 7.3606, 0.2162,
0.4420

365.0677, 0.2873,

 3.6886, 0.1906,

0.3571

0.4754

429.8814, 0.2887,
0.3556

■ 1.5010, 0.1153,
0.5558

■ 0.2894, 0.0000,
1.0000

■ 82.0890, 0.2705,
0.3763

■ 82.0890, 0.2705,
0.3763

■ 79.6576, 0.2640,
0.3892

■ 85.0576, 0.2784,
0.3641

■ 77.7307, 0.2593,
0.4026

■ 88.5997, 0.2875,
0.3528

■ 76.2664, 0.2566,
0.4162

■ 92.7443, 0.2973,
0.3425

■ 75.2173, 0.2559,
0.4300

■ 97.5194, 0.3077,
0.3331

■ 74.5251, 0.2572,
0.4434

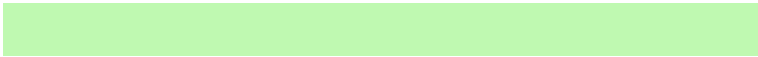
100.0000, 0.3127,
0.3290

■ 74.2601, 0.2585,
0.4504

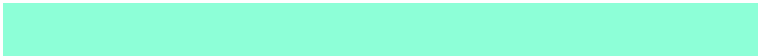
Harmonies

Analogous

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



82.0890, 0.3170, 0.4110



82.0890, 0.2705, 0.3763



82.0890, 0.2370, 0.3273

Triad

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



82.0890, 0.2705, 0.3763



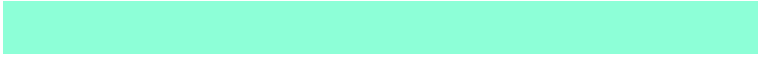
82.0890, 0.2584, 0.2505



82.0890, 0.4112, 0.3620

Complementary

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



82.0890, 0.2705, 0.3763



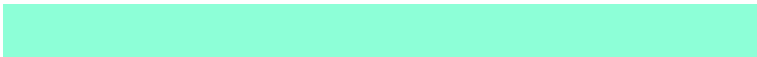
43.6318, 0.3895, 0.2876

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.



82.0890, 0.3938, 0.3229



82.0890, 0.2705, 0.3763



82.0890, 0.3022, 0.2615

Square

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



82.0890, 0.2705, 0.3763



82.0890, 0.2308, 0.2574



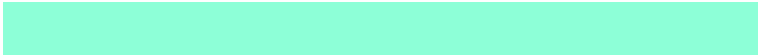
82.0890, 0.3525, 0.2872



82.0890, 0.3996, 0.3970

Rectangle

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



82.0890, 0.2705, 0.3763



82.0890, 0.2255, 0.2968



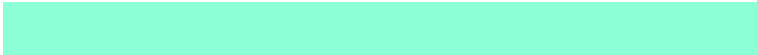
82.0890, 0.3525, 0.2872



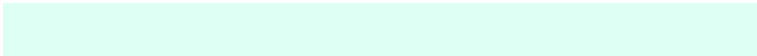
82.0890, 0.4086, 0.3490

Sweetspot

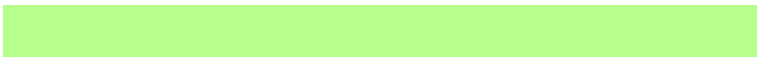
The Sweet Spot groups the original color and five complimentary colors.



82.0878, 0.2705, 0.3763



93.5202, 0.2991, 0.3408



83.4819, 0.3305, 0.4596



19.8048, 0.2968, 0.3430



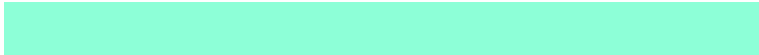
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.0878, 0.2705, 0.3763



79.8154, 0.2644, 0.3882



75.0790, 0.2494, 0.3114



20.3670, 0.3027, 0.3375



38.8319, 0.2578, 0.4482



3.8016, 0.2536, 0.4330

Inverse Universe

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



43.6318, 0.3895, 0.2876



36.7894, 0.4147, 0.2801



47.0153, 0.4256, 0.3452



18.0922, 0.3239, 0.3207



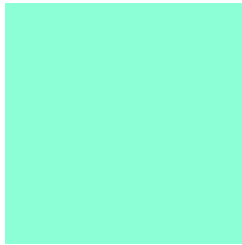
11.5143, 0.5582, 0.2848



1.1409, 0.5266, 0.2675

Previews

White Background



This preview shows how the Yxy color 82.0890, 0.2705, 0.3763 looks on a white background.

Color Contrast Check

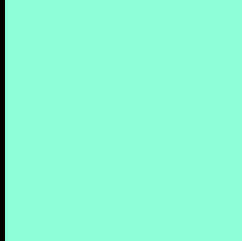
Large Text (above 18pt) WCAG AA × Fail

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 82.0890, 0.2705, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

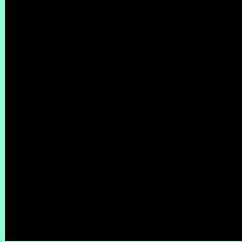
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.0890, 0.2705, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 82.0890, 0.2705, 0.3763.

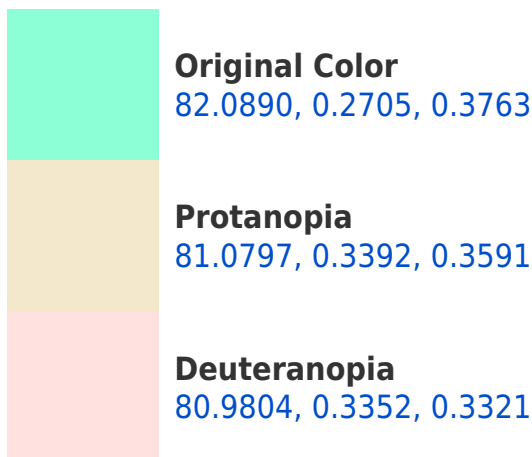


This preview shows how white text looks on a background with the Yxy color 82.0890, 0.2705, 0.3763.

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

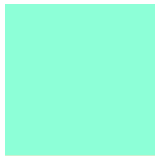




Tritanopia

81.5431, 0.2734, 0.3149

Trichromacy



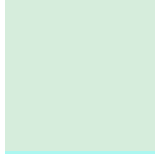
Original Color

82.0890, 0.2705, 0.3763



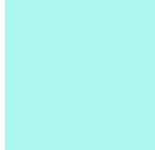
Protanomaly

79.9470, 0.3103, 0.3655



Deuteranomaly

80.0318, 0.3079, 0.3474



Tritanomaly

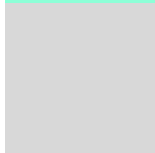
81.5835, 0.2724, 0.3367

Monochromacy



Original Color

82.0890, 0.2705, 0.3763



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

72.3703, 0.2941, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0890, 0.2705, 0.3763 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(141, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 215) }
```

Border

The CSS property to change the border of an element to Yxy 82.0890, 0.2705, 0.3763 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(141, 255, 215) }
```

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

```
.border{ border-color:rgb(141, 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(141, 255, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0890, 0.2705, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 215) }
```

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

```
.background{ background-color: rgb(141,  
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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