

Converting Colors

$Yxy(84.7056, 0.2579, 0.3178)$

Have a look what the booklet for
Yxy(84.7056, 0.2579, 0.3178)
contains.

Yxy(84.5222, 0.2610, 0.3255)	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(84.5222, 0.2610, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	A2FCFF
RGB	162, 252, 255
RGB Percent	64%, 99%, 100%
CMY	0.3644, 0.0118, 0.0000
CMYK	0.36, 0.01, 0.00, 0.00
HSL	182°, 100%, 82%
HSV	182°, 36%, 100%
XYZ	67.7736, 84.5222, 107.3731
YIQ	225.4320, -54.6030, -18.1470

Conversions

Conversions Part 2

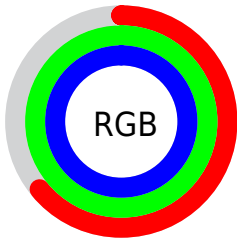
Format	Color
RYB	162, 208, 255
Decimal	10681599
CIELab	93.68, -26.05, -9.97
CIELCh	94, 27.894, 200.949
Yxy	84.5222, 0.2610, 0.3255
Android (android.graphics.Color)	4288871679 (0xFFA2FCFF)
YUV	225.4320, 14.5770, -55.6299
Hunter-Lab	91.9360, -29.3009, -4.8903

Details

The Yxy color **84.5222, 0.2610, 0.3255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.8083, 0.4007, 0.3324**, and the grayscale version is **75.5551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **46.1107, 0.2501, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **81.5998, 0.2499, 0.3245**, and if you desaturate by 10%, it is **87.9913, 0.2737, 0.3266**.

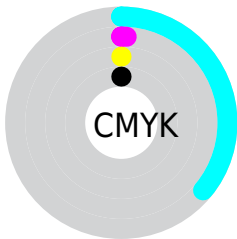
Distribution



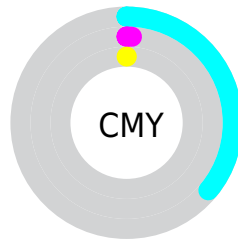
- Red (64%)
- Green (99%)
- Blue (100%)



- Red (64%)
- Yellow (82%)
- Blue (100%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5222, 0.2610, 0.3255 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 84.5222, 0.2610, 0.3255 by changing the saturation by 10% instead.


 84.5222, 0.2610,
0.3255


 84.5222, 0.2610,
0.3255


510.0457, 0.2839,
0.3275

 63.4467, 0.2560,
0.3249


 139.7054, 0.2688,
0.3263

 46.2027, 0.2500,
0.3242


 174.5819, 0.2718,
0.3266

 32.4058, 0.2425,
0.3232


214.8275, 0.2745,
0.3268

 21.6716, 0.2330,
0.3218

260.8266, 0.2768,
0.3270

 13.6158, 0.2206,
0.3198

312.9635, 0.2789,
0.3272

 7.8539, 0.2039,
0.3165

371.6228, 0.2808,

 4.0016, 0.1800,

0.3273

0.3109

437.1887, 0.2824,
0.3274

■ 1.6745, 0.1437,
0.2996

■ 0.4070, 0.0000,
0.2612

■ 84.5222, 0.2610,
0.3255

■ 84.5222, 0.2610,
0.3255

■ 81.5998, 0.2499,
0.3245

■ 87.9913, 0.2737,
0.3266

■ 79.1867, 0.2405,
0.3234

■ 92.0329, 0.2877,
0.3275

■ 77.2479, 0.2331,
0.3223

■ 96.6763, 0.3027,
0.3285

■ 75.7421, 0.2277,
0.3212

100.0000, 0.3127,
0.3290

■ 74.6208, 0.2241,
0.3201

■ 73.8233, 0.2223,
0.3190

■ 73.5854, 0.2219,
0.3186

Harmonies

Analogous

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



84.5222, 0.2826, 0.3561



84.5222, 0.2610, 0.3255



84.5222, 0.2528, 0.2980

Triad

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



84.5222, 0.2610, 0.3255



84.5222, 0.3099, 0.2850



84.5222, 0.3679, 0.3765

Complementary

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



84.5222, 0.2610, 0.3255



50.8083, 0.4007, 0.3324

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.



84.5222, 0.3765, 0.3551



84.5222, 0.2610, 0.3255



84.5222, 0.3421, 0.3037

Square

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



84.5222, 0.2610, 0.3255



84.5222, 0.2799, 0.2766



84.5222, 0.3670, 0.3287



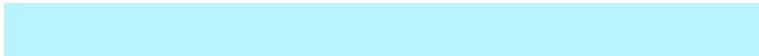
84.5222, 0.3443, 0.3862

Rectangle

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



84.5222, 0.2610, 0.3255



84.5222, 0.2556, 0.2851



84.5222, 0.3670, 0.3287



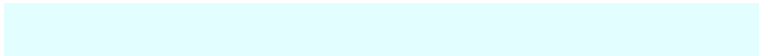
84.5222, 0.3727, 0.3703

Sweetspot

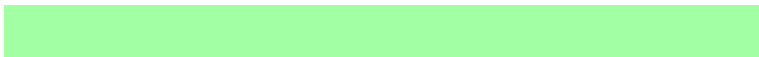
The Sweet Spot groups the original color and five complimentary colors.



84.5237, 0.2610, 0.3255



94.4847, 0.2958, 0.3280



81.8748, 0.3067, 0.4380



20.0893, 0.2937, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

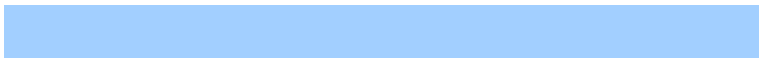
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5237, 0.2610, 0.3255



82.2661, 0.2525, 0.3247



59.5263, 0.2536, 0.2731



20.3746, 0.2980, 0.3282



38.4950, 0.2219, 0.3188



3.7785, 0.2222, 0.3200

Inverse Universe

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



54.1517, 0.3193, 0.2410



47.8332, 0.3208, 0.2240



70.0047, 0.3832, 0.3787



18.2896, 0.3143, 0.3063



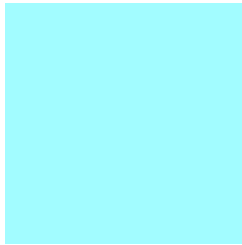
14.6141, 0.3292, 0.1587



1.4260, 0.3282, 0.1581

Previews

White Background



This preview shows how the Yxy color 84.5222, 0.2610, 0.3255 looks on a white background.

Color Contrast Check

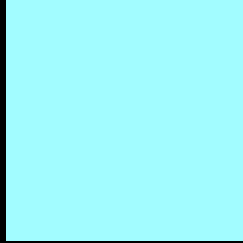
Large Text (above 18pt) WCAG AA × Fail

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 84.5222, 0.2610, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

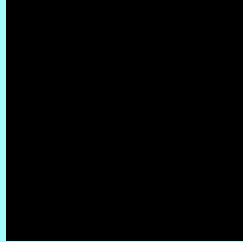
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.5222, 0.2610, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 84.5222, 0.2610, 0.3255.

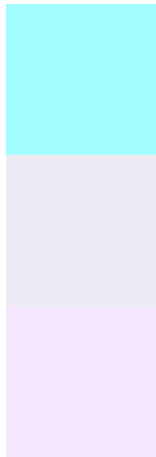


This preview shows how white text looks on a background with the Yxy color 84.5222, 0.2610, 0.3255.

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

84.5222, 0.2610, 0.3255

Protanopia

83.3818, 0.3085, 0.3189

Deuteranopia

83.7843, 0.3071, 0.3053



Tritanopia

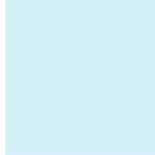
83.7387, 0.2802, 0.3162

Trichromacy



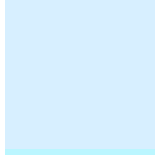
Original Color

84.5222, 0.2610, 0.3255



Protanomaly

83.3895, 0.2891, 0.3216



Deuteranomaly

83.4001, 0.2882, 0.3124



Tritanomaly

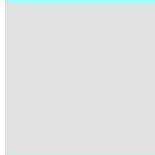
83.6963, 0.2727, 0.3192

Monochromacy



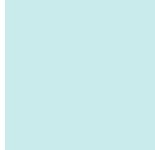
Original Color

84.5222, 0.2610, 0.3255



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

78.0293, 0.2908, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5222, 0.2610, 0.3255 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(162, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 252, 255)  
}
```

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(162, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 84.5222, 0.2610, 0.3255 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(162, 252, 255) }
```

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

```
.border{ border-color:rgb(162, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5222, 0.2610, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 252, 255) }
```

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

```
.background{ background-color: rgb(162,  
252, 255) }
```

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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