

Converting Colors

$Yxy(77.0972, 0.2761, 0.3568)$

Have a look what the booklet for
Yxy(77.0972, 0.2761, 0.3568)
contains.

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Color

Yxy(77.3423, 0.2759, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	A0F4DC
RGB	160, 244, 220
RGB Percent	63%, 96%, 86%
CMY	0.3728, 0.0431, 0.1373
CMYK	0.34, 0.00, 0.10, 0.04
HSL	163°, 79%, 79%
HSV	163°, 34%, 96%
XYZ	59.7556, 77.3423, 79.4865
YIQ	216.1480, -42.3600, -25.2720

Conversions

Conversions Part 2

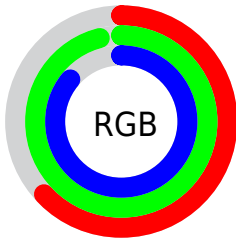
Format	Color
RYB	160, 209, 244
Decimal	10548444
CIELab	90.48, -30.63, 3.50
CIELCh	90, 30.825, 173.479
Yxy	77.3423, 0.2759, 0.3571
Android (android.graphics.Color)	4288738524 (0xFFA0F4DC)
YUV	216.1480, 1.8990, -49.2418
Hunter-Lab	87.9445, -32.6174, 7.9733

Details

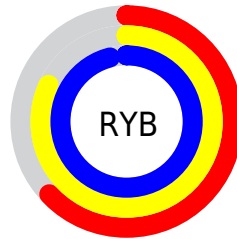
The Yxy color **77.3423, 0.2759, 0.3571** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.8138, 0.3708, 0.3030**, and the grayscale version is **68.7760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **41.2605, 0.2675, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **74.7121, 0.2673, 0.3668**, and if you desaturate by 10%, it is **80.4876, 0.2857, 0.3480**.

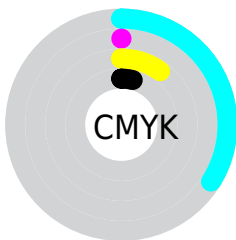
Distribution



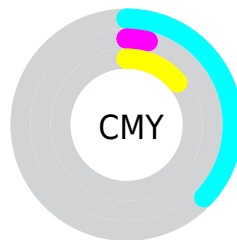
- Red (63%)
- Green (96%)
- Blue (86%)



- Red (63%)
- Yellow (82%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (37%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3423, 0.2759, 0.3571 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 77.3423, 0.2759, 0.3571 by changing the saturation by 10% instead.


 77.3423, 0.2759,
0.3571

 77.3423, 0.2759,
0.3571


485.9303, 0.2928,
0.3441

 57.5339, 0.2721,
0.3601


 129.6226, 0.2817,
0.3526

 41.4340, 0.2674,
0.3638


 162.8632, 0.2840,
0.3508

 28.6584, 0.2614,
0.3685


201.3499, 0.2860,
0.3493

 18.8225, 0.2537,
0.3746

245.4673, 0.2877,
0.3480

 11.5421, 0.2432,
0.3831

295.5996, 0.2892,
0.3468

 6.4327, 0.2284,
0.3952


352.1313, 0.2905,


 3.1099, 0.2056,

0.3458

0.4144


415.4467, 0.2917,
0.3449


 1.1894, 0.1385,
0.4639


 0.0530, 0.0000,
1.0000


 77.3423, 0.2759,
0.3571


 77.3423, 0.2759,
0.3571


 74.7121, 0.2673,
0.3668


 80.4876, 0.2857,
0.3480


 72.5584, 0.2602,
0.3771


 84.1655, 0.2963,
0.3397


 70.8522, 0.2549,
0.3877

 88.4040, 0.3076,
0.3321


 69.5571, 0.2515,
0.3986


 92.7413, 0.3175,
0.3253

 68.6310, 0.2502,
0.4096

 93.1818, 0.3133,
0.3186

 68.0224, 0.2508,
0.4204

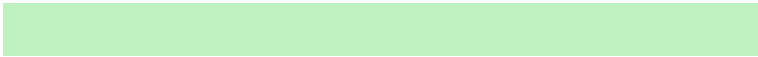
 93.1914, 0.3132,
0.3185

 67.7795, 0.2518,
0.4263

Harmonies

Analogous

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



77.3423, 0.3097, 0.3848



77.3423, 0.2759, 0.3571



77.3423, 0.2527, 0.3218

Triad

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



77.3423, 0.2759, 0.3571



77.3423, 0.2779, 0.2701



77.3423, 0.3854, 0.3605

Complementary

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



77.3423, 0.2759, 0.3571



47.8138, 0.3708, 0.3030

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.



77.3423, 0.3763, 0.3309



77.3423, 0.2759, 0.3571



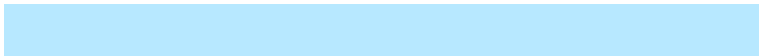
77.3423, 0.3124, 0.2808

Square

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



77.3423, 0.2759, 0.3571



77.3423, 0.2539, 0.2733



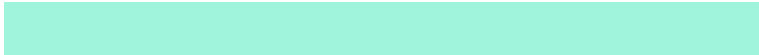
77.3423, 0.3490, 0.3025



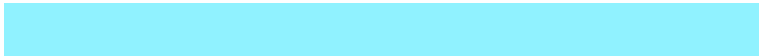
77.3423, 0.3737, 0.3843

Rectangle

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



77.3423, 0.2759, 0.3571



77.3423, 0.2457, 0.3003



77.3423, 0.3490, 0.3025



77.3423, 0.3847, 0.3509

Sweetspot

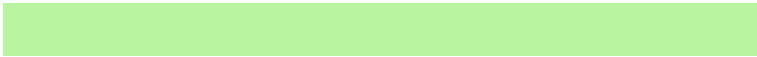
The Sweet Spot groups the original color and five complimentary colors.



77.3454, 0.2759, 0.3571



95.0201, 0.3013, 0.3363



77.5813, 0.3238, 0.4276



20.1994, 0.2997, 0.3373



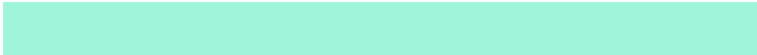
0.0000, 0.0000, 0.0000



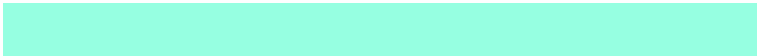
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3454, 0.2759, 0.3571



83.4904, 0.2701, 0.3635



69.0473, 0.2613, 0.3093



18.6724, 0.3019, 0.3358



36.8738, 0.2513, 0.4246



3.2585, 0.2475, 0.4111

Inverse Universe

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



47.8138, 0.3708, 0.3030



46.5248, 0.3874, 0.2979



53.1179, 0.3883, 0.3476



16.5604, 0.3249, 0.3223



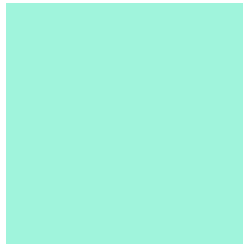
10.7166, 0.5814, 0.2976



0.9589, 0.5460, 0.2782

Previews

White Background



This preview shows how the Yxy color 77.3423, 0.2759, 0.3571 looks on a white background.

Color Contrast Check

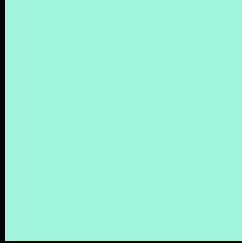
Large Text (above 18pt) WCAG AA × Fail

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 77.3423, 0.2759, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

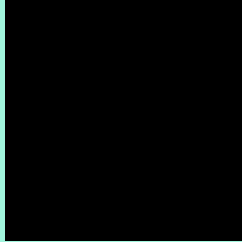
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3423, 0.2759, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 77.3423, 0.2759, 0.3571.

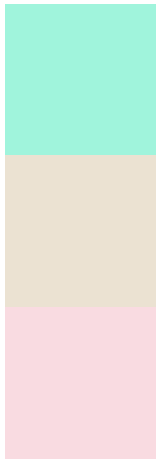


This preview shows how white text looks on a background with the Yxy color 77.3423, 0.2759, 0.3571.

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

77.3423, 0.2759, 0.3571

Protanopia

76.7080, 0.3296, 0.3460

Deuteranopia

76.2390, 0.3304, 0.3230



Tritanopia

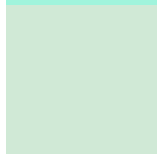
76.9023, 0.2652, 0.3090

Trichromacy



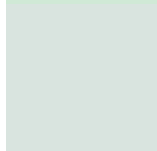
Original Color

77.3423, 0.2759, 0.3571



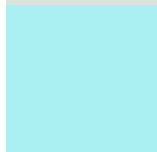
Protanomaly

76.5428, 0.3077, 0.3500



Deuteranomaly

75.5662, 0.3084, 0.3344



Tritanomaly

77.2770, 0.2695, 0.3266

Monochromacy



Original Color

77.3423, 0.2759, 0.3571



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.1382, 0.2980, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3423, 0.2759, 0.3571 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(160, 244, 220)` looks like.

```
.text, #text, p{  
    color:rgb(160, 244, 220)  
}
```

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(160, 244, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 244, 220) }
```

Border

The CSS property to change the border of an element to Yxy 77.3423, 0.2759, 0.3571 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(160, 244, 220) }
```

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

```
.border{ border-color:rgb(160, 244, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 244, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 244, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 244, 220);  
box-shadow:4px 4px 4px 4px rgb(160, 244,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3423, 0.2759, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 244, 220) }
```

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

```
.background{ background-color: rgb(160,  
244, 220) }
```

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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