

Converting Colors

$Yxy(78.1696, 0.2862, 0.3817)$

Have a look what the booklet for
Yxy(78.1696, 0.2862, 0.3817)
contains.

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Color

Yxy(78.3629, 0.2861, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	A1F7CA
RGB	161, 247, 202
RGB Percent	63%, 97%, 79%
CMY	0.3687, 0.0313, 0.2080
CMYK	0.35, 0.00, 0.18, 0.03
HSL	149°, 84%, 80%
HSV	149°, 35%, 97%
XYZ	58.6134, 78.3629, 67.8940
YIQ	216.1560, -36.8110, -32.2270

Conversions

Conversions Part 2

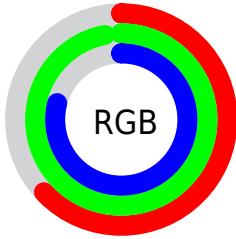
Format	Color
RYB	161, 219, 247
Decimal	10614730
CIELab	90.95, -35.38, 13.52
CIELCh	91, 37.879, 159.083
Yxy	78.3629, 0.2861, 0.3825
Android (android.graphics.Color)	4288804810 (0xFFA1F7CA)
YUV	216.1560, -6.9789, -48.3718
Hunter-Lab	88.5228, -36.7252, 16.4925

Details

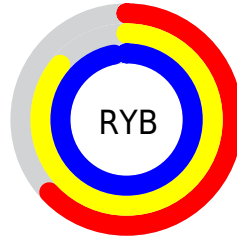
The Yxy color **78.3629, 0.2861, 0.3825** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.7168, 0.3523, 0.2814**, and the grayscale version is **68.8461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **42.0292, 0.2794, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **75.4616, 0.2800, 0.4012**, and if you desaturate by 10%, it is **81.8288, 0.2932, 0.3652**.

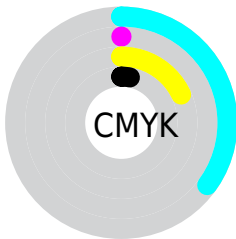
Distribution



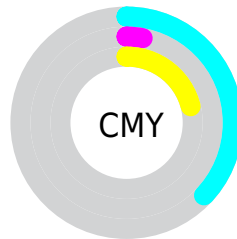
- Red (63%)
- Green (97%)
- Blue (79%)



- Red (63%)
- Yellow (86%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)





- Cyan (37%)
- Magenta (3%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3629, 0.2861, 0.3825 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 78.3629, 0.2861, 0.3825 by changing the saturation by 10% instead.


 78.3629, 0.2861,
0.3825


 78.3629, 0.2861,
0.3825


489.3984, 0.2987,
0.3571

 58.3721, 0.2831,
0.3885


 131.0616, 0.2905,
0.3736

 42.1079, 0.2795,
0.3959


 164.5383, 0.2922,
0.3701

 29.1858, 0.2747,
0.4055

203.2791, 0.2937,
0.3672

 19.2214, 0.2685,
0.4182


247.6684, 0.2950,
0.3646

 11.8304, 0.2598,
0.4359

298.0906, 0.2961,
0.3624

 6.6283, 0.2469,
0.4623

354.9300, 0.2971,

 3.2307, 0.2260,

0.3604

418.5712, 0.2979,
0.3587

0.5052

1.2534, 0.1503,
0.6544

0.1046, 0.0000,
1.0000

78.3629, 0.2861,
0.3825

78.3629, 0.2861,
0.3825

75.4616, 0.2800,
0.4012

81.8288, 0.2932,
0.3652

73.0841, 0.2751,
0.4211

85.8784, 0.3008,
0.3494

71.1991, 0.2718,
0.4418

90.5417, 0.3088,
0.3353

69.7678, 0.2704,
0.4626

94.9246, 0.3138,
0.3226

■ 68.7453, 0.2710,
0.4829

■ 95.0081, 0.3131,
0.3214

■ 68.0767, 0.2736,
0.5022

■ 67.8287, 0.2755,
0.5117

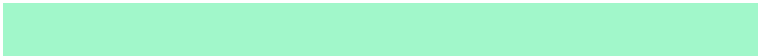
Harmonies

Analogous

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



78.3629, 0.3298, 0.4070



78.3629, 0.2861, 0.3825



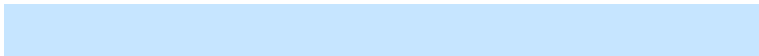
78.3629, 0.2512, 0.3406

Triad

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



78.3629, 0.2861, 0.3825



78.3629, 0.2544, 0.2575



78.3629, 0.3997, 0.3494

Complementary

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



78.3629, 0.2861, 0.3825



49.7168, 0.3523, 0.2814

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.



78.3629, 0.3768, 0.3137



78.3629, 0.2861, 0.3825



78.3629, 0.2908, 0.2629

Square

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



78.3629, 0.2861, 0.3825



78.3629, 0.2341, 0.2693



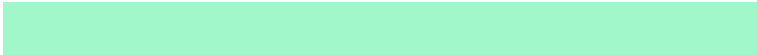
78.3629, 0.3359, 0.2830



78.3629, 0.3970, 0.3830

Rectangle

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



78.3629, 0.2861, 0.3825



78.3629, 0.2369, 0.3117



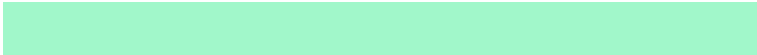
78.3629, 0.3359, 0.2830



78.3629, 0.3948, 0.3373

Sweetspot

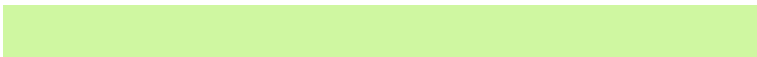
The Sweet Spot groups the original color and five complimentary colors.



78.3661, 0.2861, 0.3825



94.6502, 0.3046, 0.3424



82.3464, 0.3372, 0.4247



20.1098, 0.3035, 0.3444



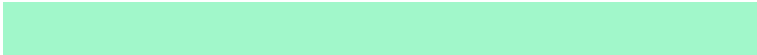
0.0000, 0.0000, 0.0000



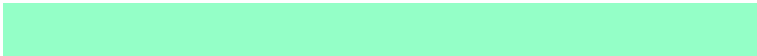
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3661, 0.2861, 0.3825



81.9268, 0.2815, 0.3959



80.6436, 0.2648, 0.3321



18.6035, 0.3051, 0.3417



35.8972, 0.2746, 0.5087



3.1756, 0.2681, 0.4851

Inverse Universe

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



49.7168, 0.3523, 0.2814



46.7667, 0.3639, 0.2714



47.9344, 0.3932, 0.3261



16.6275, 0.3211, 0.3167



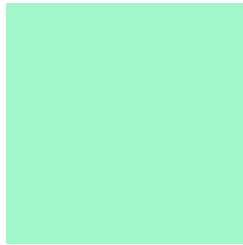
11.3295, 0.4861, 0.2451



1.0165, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 78.3629, 0.2861, 0.3825 looks on a white background.

Color Contrast Check

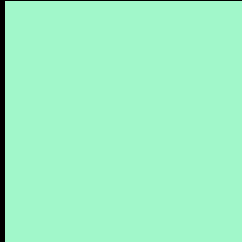
Large Text (above 18pt) WCAG AA × Fail

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 78.3629, 0.2861, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

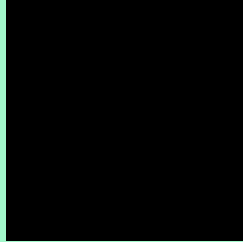
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3629, 0.2861, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 78.3629, 0.2861, 0.3825.

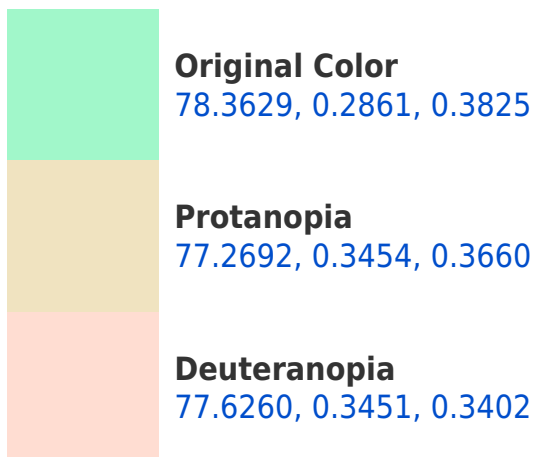


This preview shows how white text looks on a background with the Yxy color 78.3629, 0.2861, 0.3825.

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

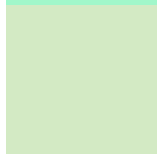
78.1928, 0.2686, 0.3103

Trichromacy



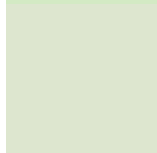
Original Color

78.3629, 0.2861, 0.3825



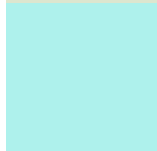
Protanomaly

76.6800, 0.3209, 0.3714



Deuteranomaly

76.4708, 0.3212, 0.3541



Tritanomaly

77.9654, 0.2748, 0.3345

Monochromacy



Original Color

78.3629, 0.2861, 0.3825



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.3771, 0.3017, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3629, 0.2861, 0.3825 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(161, 247, 202)` looks like.

```
.text, #text, p{  
    color:rgb(161, 247, 202)  
}
```

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(161, 247, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 247, 202) }
```

Border

The CSS property to change the border of an element to Yxy 78.3629, 0.2861, 0.3825 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(161, 247, 202) }
```

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

```
.border{ border-color:rgb(161, 247, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 247, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 247, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 247, 202);  
box-shadow:4px 4px 4px 4px rgb(161, 247,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3629, 0.2861, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 247, 202) }
```

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

```
.background{ background-color: rgb(161,  
247, 202) }
```

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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