

Converting Colors

$Yxy(74.8889, 0.2827, 0.3553)$

Have a look what the booklet for
Yxy(74.8889, 0.2827, 0.3553)
contains.

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Color

Yxy(75.1259, 0.2825, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	A9EFD8
RGB	169, 239, 216
RGB Percent	66%, 94%, 85%
CMY	0.3371, 0.0628, 0.1529
CMYK	0.29, 0.00, 0.10, 0.06
HSL	160°, 69%, 80%
HSV	160°, 29%, 94%
XYZ	59.6321, 75.1259, 76.3291
YIQ	215.4480, -34.3370, -21.9930

Conversions

Conversions Part 2

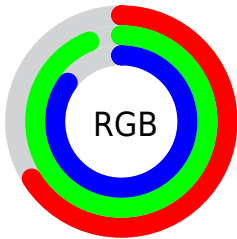
Format	Color
RYB	169, 211, 239
Decimal	11136984
CIELab	89.45, -26.49, 4.15
CIELCh	89, 26.817, 171.105
Yxy	75.1259, 0.2825, 0.3559
Android (android.graphics.Color)	4289327064 (0xFFA9EFD8)
YUV	215.4480, 0.2721, -40.7349
Hunter-Lab	86.6752, -28.8745, 8.4599

Details

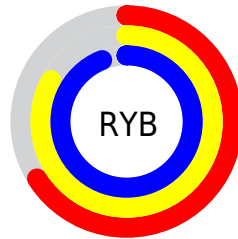
The Yxy color **75.1259, 0.2825, 0.3559** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.5525, 0.3565, 0.3038**, and the grayscale version is **68.2991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **40.0850, 0.2758, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **72.3252, 0.2737, 0.3668**, and if you desaturate by 10%, it is **78.4353, 0.2923, 0.3459**.

Distribution



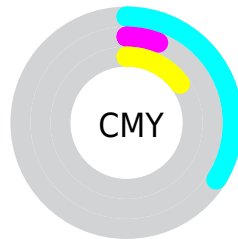
- Red (66%)
- Green (94%)
- Blue (85%)



- Red (66%)
- Yellow (83%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)





- Cyan (34%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1259, 0.2825, 0.3559 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 75.1259, 0.2825, 0.3559 by changing the saturation by 10% instead.


 75.1259, 0.2825,
0.3559

 75.1259, 0.2825,
0.3559


478.3502, 0.2965,
0.3433

 55.7160, 0.2793,
0.3588


 126.4906, 0.2874,
0.3515

 39.9753, 0.2754,
0.3624


159.2142, 0.2892,
0.3498

 27.5193, 0.2703,
0.3670


197.1444, 0.2909,
0.3483

 17.9636, 0.2638,
0.3731

240.6658, 0.2923,
0.3471

 10.9239, 0.2549,
0.3815

290.1627, 0.2935,
0.3460

 6.0157, 0.2420,
0.3938

346.0195, 0.2946,

 2.8546, 0.2220,

0.3450

408.6205, 0.2956,
0.3441

0.4134

1.0563, 0.1543,
0.4687

0.0000, 0.0000,
0.0000

75.1259, 0.2825,
0.3559

75.1259, 0.2825,
0.3559

72.3252, 0.2737,
0.3668

78.4353, 0.2923,
0.3459

69.9974, 0.2662,
0.3784

82.2689, 0.3027,
0.3367

68.1164, 0.2603,
0.3906

86.6525, 0.3135,
0.3284

66.6498, 0.2562,
0.4032

89.7315, 0.3181,
0.3209

■ 65.5607, 0.2542,
0.4159

■ 90.2098, 0.3134,
0.3136

■ 64.8052, 0.2542,
0.4286

■ 64.3155, 0.2560,
0.4411

■ 64.2839, 0.2561,
0.4420

Harmonies

Analogous

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



75.1259, 0.3128, 0.3789



75.1259, 0.2825, 0.3559



75.1259, 0.2609, 0.3253

Triad

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



75.1259, 0.2825, 0.3559



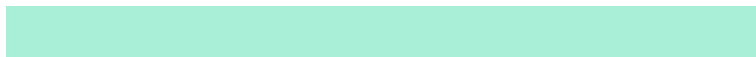
75.1259, 0.2800, 0.2766



75.1259, 0.3765, 0.3552

Complementary

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



75.1259, 0.2825, 0.3559



50.5525, 0.3565, 0.3038

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.



75.1259, 0.3671, 0.3289



75.1259, 0.2825, 0.3559



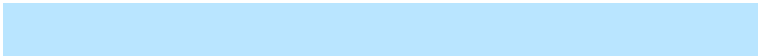
75.1259, 0.3100, 0.2851

Square

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



75.1259, 0.2825, 0.3559



75.1259, 0.2596, 0.2807



75.1259, 0.3423, 0.3038



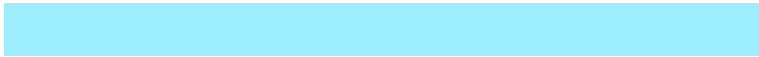
75.1259, 0.3678, 0.3766

Rectangle

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



75.1259, 0.2825, 0.3559



75.1259, 0.2539, 0.3061



75.1259, 0.3423, 0.3038



75.1259, 0.3754, 0.3467

Sweetspot

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



75.1290, 0.2825, 0.3559



95.4279, 0.3029, 0.3365



75.8507, 0.3240, 0.4105



20.2779, 0.3014, 0.3378



0.0000, 0.0000, 0.0000



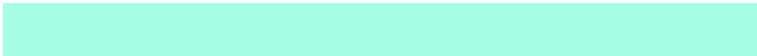
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1290, 0.2825, 0.3559



85.0729, 0.2772, 0.3622



69.7954, 0.2689, 0.3154



17.8355, 0.3025, 0.3369



35.5517, 0.2556, 0.4400



2.9758, 0.2510, 0.4235

Inverse Universe

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



50.5525, 0.3565, 0.3038



52.3854, 0.3687, 0.2986



54.1459, 0.3742, 0.3421



15.8445, 0.3242, 0.3213



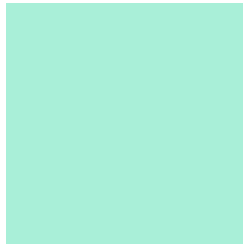
10.4708, 0.5657, 0.2890



0.8887, 0.5287, 0.2686

Previews

White Background



This preview shows how the Yxy color 75.1259, 0.2825, 0.3559 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 75.1259, 0.2825, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

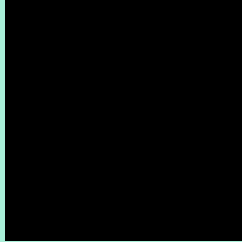
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

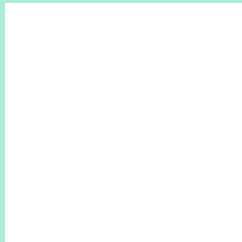
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1259, 0.2825, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 75.1259, 0.2825, 0.3559.

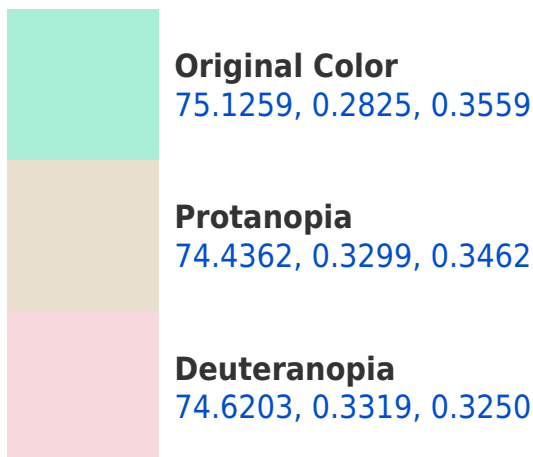


This preview shows how white text looks on a background with the Yxy color 75.1259, 0.2825, 0.3559.

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

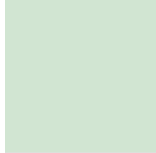
75.2210, 0.2674, 0.3089

Trichromacy



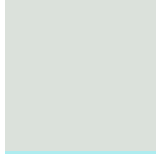
Original Color

75.1259, 0.2825, 0.3559



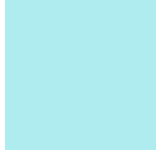
Protanomaly

74.2471, 0.3110, 0.3502



Deuteranomaly

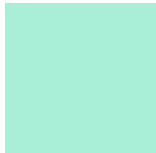
74.0250, 0.3124, 0.3355



Tritanomaly

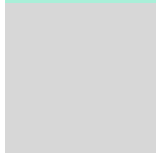
75.2216, 0.2727, 0.3255

Monochromacy



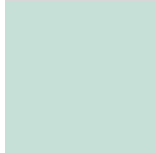
Original Color

75.1259, 0.2825, 0.3559



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.2234, 0.3005, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1259, 0.2825, 0.3559 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(169, 239, 216)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 216)  
}
```

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(169, 239, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 216) }
```

Border

The CSS property to change the border of an element to Yxy 75.1259, 0.2825, 0.3559 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(169, 239, 216) }
```

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

```
.border{ border-color:rgb(169, 239, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 239, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 239, 216);  
box-shadow:4px 4px 4px 4px rgb(169, 239,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1259, 0.2825, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 216) }
```

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

```
.background{ background-color: rgb(169,  
239, 216) }
```

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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