

Converting Colors

$Yxy(75.2297, 0.2834, 0.3589)$

Have a look what the booklet for
Yxy(75.2297, 0.2834, 0.3589)
contains.

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Color

Yxy(75.0231, 0.2836, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	A9EFD6
RGB	169, 239, 214
RGB Percent	66%, 94%, 84%
CMY	0.3369, 0.0628, 0.1607
CMYK	0.29, 0.00, 0.10, 0.06
HSL	159°, 69%, 80%
HSV	159°, 29%, 94%
XYZ	59.3819, 75.0231, 74.9812
YIQ	215.2200, -33.6950, -22.6150

Conversions

Conversions Part 2

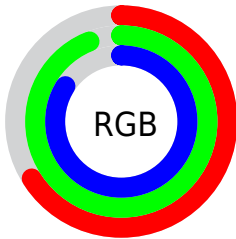
Format	Color
R _{YB}	169, 212, 239
Decimal	11136982
CIE Lab	89.40, -26.89, 5.12
CIE LCh	89, 27.369, 169.227
Yxy	75.0231, 0.2836, 0.3583
Android (android.graphics.Color)	4289327062 (0xFFA9EFD6)
YUV	215.2200, -0.6015, -40.5349
Hunter-Lab	86.6159, -29.2021, 9.3052

Details

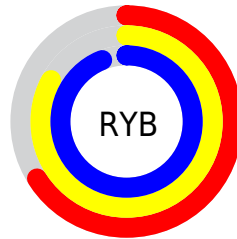
The Yxy color **75.0231, 0.2836, 0.3583** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **50.6552, 0.3546, 0.3017**, and the grayscale version is **68.1475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **40.0150, 0.2771, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **72.1935, 0.2751, 0.3702**, and if you desaturate by 10%, it is **78.3649, 0.2930, 0.3473**.

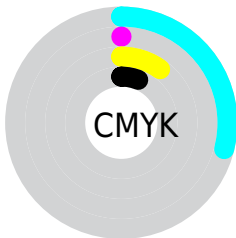
Distribution



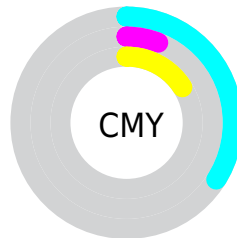
- Red (66%)
- Green (94%)
- Blue (84%)



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



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





- Cyan (34%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0231, 0.2836, 0.3583 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 75.0231, 0.2836, 0.3583 by changing the saturation by 10% instead.

 75.0231, 0.2836,
0.3583

 75.0231, 0.2836,
0.3583

477.9970, 0.2971,
0.3446

 55.6318, 0.2805,
0.3615

 126.3451, 0.2883,
0.3535

 39.9078, 0.2767,
0.3655


159.0445, 0.2901,
0.3516

 27.4667, 0.2718,
0.3705


196.9488, 0.2917,
0.3500

 17.9240, 0.2654,
0.3772

240.4424, 0.2931,
0.3487

 10.8954, 0.2567,
0.3865

289.9096, 0.2943,
0.3474

 5.9966, 0.2441,
0.4001


345.7348, 0.2953,

 2.8430, 0.2243,


0.3464


0.4222


408.3025, 0.2963,
0.3454


 1.0503, 0.1543,
0.4864


 0.0000, 0.0000,
0.0000


 75.0231, 0.2836,
0.3583


 75.0231, 0.2836,
0.3583

 72.1935, 0.2751,
0.3702


 78.3649, 0.2930,
0.3473

 69.8401, 0.2679,
0.3829

 82.2344, 0.3031,
0.3374

 67.9368, 0.2622,
0.3963

 86.6575, 0.3135,
0.3284

 66.4512, 0.2584,
0.4101

 89.7729, 0.3176,
0.3201

■ 65.3463, 0.2566,
0.4240

■ 90.2053, 0.3134,
0.3136

■ 64.5781, 0.2568,
0.4379

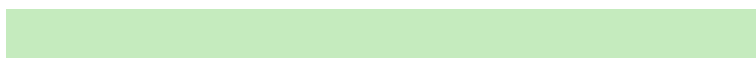
■ 64.0787, 0.2588,
0.4515

■ 64.0457, 0.2590,
0.4525

Harmonies

Analogous

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



75.0231, 0.3148, 0.3810



75.0231, 0.2836, 0.3583



75.0231, 0.2609, 0.3272

Triad

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



75.0231, 0.2836, 0.3583



75.0231, 0.2777, 0.2754



75.0231, 0.3778, 0.3541

Complementary

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



75.0231, 0.2836, 0.3583



50.6552, 0.3546, 0.3017

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.



75.0231, 0.3671, 0.3271



75.0231, 0.2836, 0.3583



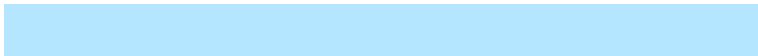
75.0231, 0.3079, 0.2833

Square

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



75.0231, 0.2836, 0.3583



75.0231, 0.2576, 0.2804



75.0231, 0.3409, 0.3019



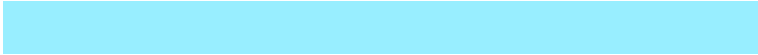
75.0231, 0.3700, 0.3764

Rectangle

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



75.0231, 0.2836, 0.3583



75.0231, 0.2531, 0.3073



75.0231, 0.3409, 0.3019



75.0231, 0.3763, 0.3453

Sweetspot

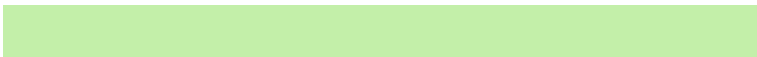
The Sweet Spot groups the original color and five complimentary colors.



75.0262, 0.2836, 0.3583



95.3874, 0.3033, 0.3371



76.1578, 0.3256, 0.4101



20.2678, 0.3018, 0.3385



0.0000, 0.0000, 0.0000



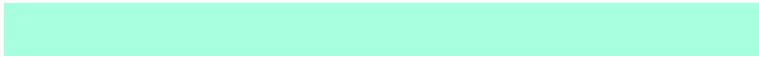
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0262, 0.2836, 0.3583



84.9342, 0.2785, 0.3652



71.0846, 0.2692, 0.3181



17.8275, 0.3028, 0.3376



35.4235, 0.2584, 0.4503



2.9658, 0.2534, 0.4324

Inverse Universe

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



50.6552, 0.3546, 0.3017



52.5018, 0.3663, 0.2960



53.2201, 0.3749, 0.3395



15.8521, 0.3237, 0.3206



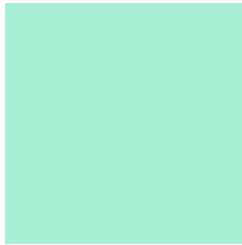
10.5294, 0.5548, 0.2830



0.8943, 0.5184, 0.2630

Previews

White Background



This preview shows how the Yxy color 75.0231, 0.2836, 0.3583 looks on a white background.

Color Contrast Check

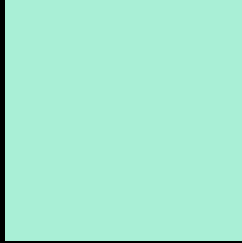
Large Text (above 18pt) WCAG AA × Fail

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 75.0231, 0.2836, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

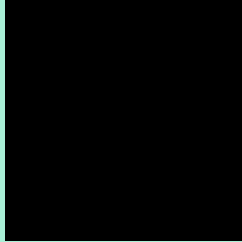
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

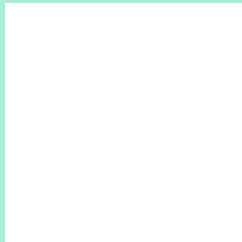
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0231, 0.2836, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 75.0231, 0.2836, 0.3583.

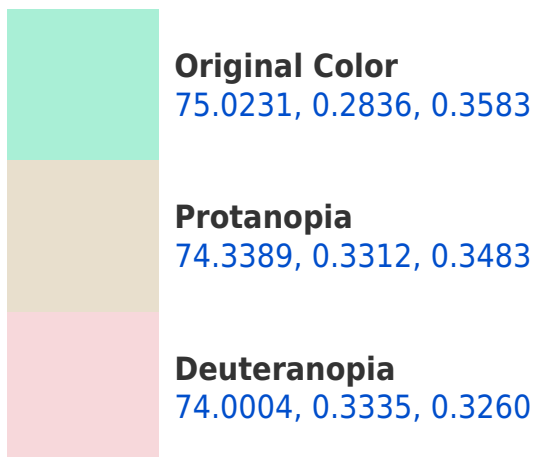


This preview shows how white text looks on a background with the Yxy color 75.0231, 0.2836, 0.3583.

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

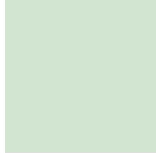
74.6532, 0.2673, 0.3077

Trichromacy



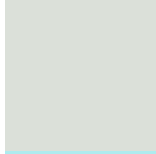
Original Color

75.0231, 0.2836, 0.3583



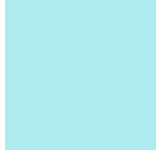
Protanomaly

74.1480, 0.3123, 0.3525



Deuteranomaly

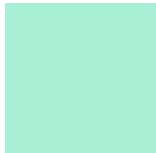
73.3811, 0.3138, 0.3366



Tritanomaly

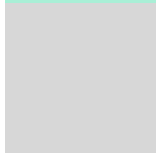
74.5884, 0.2731, 0.3255

Monochromacy



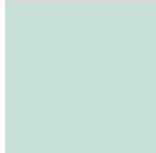
Original Color

75.0231, 0.2836, 0.3583



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 75.0231, 0.2836, 0.3583 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 214) }
```

Border

The CSS property to change the border of an element to Yxy 75.0231, 0.2836, 0.3583 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, 214) }
```

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

```
.border{ border-color:rgb(169, 239, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 239, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 239, 214);  
box-shadow:4px 4px 4px 4px rgb(169, 239,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0231, 0.2836, 0.3583 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, 214) }
```

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

```
.background{ background-color: rgb(169,  
239, 214) }
```

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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