

Converting Colors

$Yxy(76.0993, 0.2674, 0.3544)$

Have a look what the booklet for
Yxy(76.0993, 0.2674, 0.3544)
contains.

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Color

Yxy(76.1401, 0.2674, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	92F4DF
RGB	146, 244, 223
RGB Percent	57%, 96%, 87%
CMY	0.4273, 0.0431, 0.1255
CMYK	0.40, 0.00, 0.09, 0.04
HSL	167°, 82%, 76%
HSV	167°, 40%, 96%
XYZ	57.5300, 76.1401, 81.4757
YIQ	212.3040, -51.6670, -27.3070

Conversions

Conversions Part 2

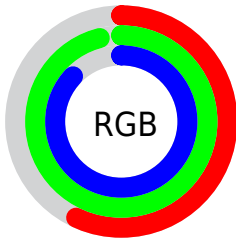
Format	Color
R_{YB}	146, 201, 244
Decimal	9630943
CIE _{Lab}	89.92, -33.62, 1.05
CIE _{LCh}	90, 33.637, 178.203
Yxy	76.1401, 0.2674, 0.3539
Android (android.graphics.Color)	4287821023 (0xFF92F4DF)
YUV	212.3040, 5.2731, -58.1486
Hunter-Lab	87.2583, -35.0158, 5.7199

Details

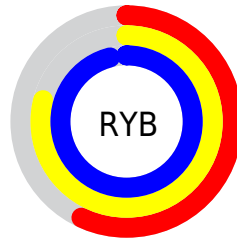
The Yxy color **76.1401, 0.2674, 0.3539** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.5973, 0.3923, 0.3062**, and the grayscale version is **66.0498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **40.4916, 0.2568, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **73.8619, 0.2590, 0.3613**, and if you desaturate by 10%, it is **78.9103, 0.2773, 0.3469**.

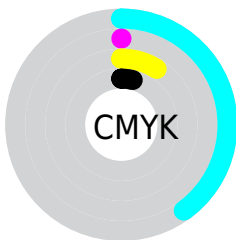
Distribution



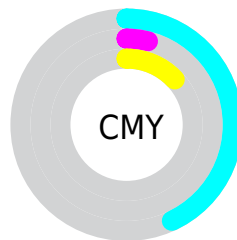
- Red (57%)
- Green (96%)
- Blue (87%)



- Red (57%)
- Yellow (79%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (43%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1401, 0.2674, 0.3539 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 76.1401, 0.2674, 0.3539 by changing the saturation by 10% instead.

 76.1401, 0.2674,
0.3539


 76.1401, 0.2674,
0.3539


481.8272, 0.2881,
0.3425

 56.5474, 0.2627,
0.3565


 127.9249, 0.2746,
0.3499

 40.6420, 0.2570,
0.3597


 160.8858, 0.2773,
0.3484

 28.0394, 0.2497,
0.3637


199.0716, 0.2798,
0.3471

 18.3554, 0.2404,
0.3690

242.8666, 0.2819,
0.3459

 11.2054, 0.2278,
0.3761

292.6553, 0.2837,
0.3449

 6.2052, 0.2100,
0.3861


348.8220, 0.2854,

 2.9702, 0.1831,


0.3440


0.4016


411.7512, 0.2868,
0.3432


 1.1162, 0.0905,
0.4517


 0.0000, 0.0000,
0.0000


 76.1401, 0.2674,
0.3539


 76.1401, 0.2674,
0.3539


 73.8619, 0.2590,
0.3613

 78.9103, 0.2773,
0.3469


 72.0358, 0.2523,
0.3689


 82.1915, 0.2883,
0.3405


 70.6306, 0.2475,
0.3768

 86.0123, 0.3001,
0.3345

 69.6073, 0.2447,
0.3848

 90.3971, 0.3125,
0.3291

 68.9190, 0.2438,
0.3927

 92.8090, 0.3167,
0.3241

 68.4921, 0.2446,
0.4005

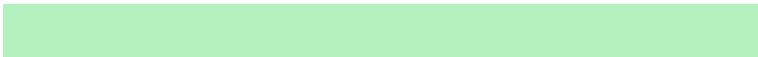
 93.1402, 0.3136,
0.3191

 93.1799, 0.3132,
0.3185

Harmonies

Analogous

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



76.1401, 0.3029, 0.3869



76.1401, 0.2674, 0.3539



76.1401, 0.2447, 0.3149

Triad

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



76.1401, 0.2674, 0.3539



76.1401, 0.2799, 0.2657



76.1401, 0.3919, 0.3678

Complementary

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



76.1401, 0.2674, 0.3539



42.5973, 0.3923, 0.3062

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.



76.1401, 0.3857, 0.3360



76.1401, 0.2674, 0.3539



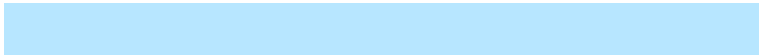
76.1401, 0.3187, 0.2795

Square

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



76.1401, 0.2674, 0.3539



76.1401, 0.2516, 0.2666



76.1401, 0.3582, 0.3045



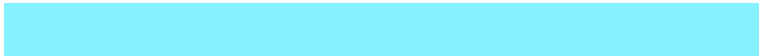
76.1401, 0.3755, 0.3924

Rectangle

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



76.1401, 0.2674, 0.3539



76.1401, 0.2390, 0.2925



76.1401, 0.3582, 0.3045



76.1401, 0.3924, 0.3576

Sweetspot

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



76.1431, 0.2674, 0.3539



94.2360, 0.2978, 0.3356



75.0218, 0.3197, 0.4481



20.0478, 0.2963, 0.3363



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.



76.1431, 0.2674, 0.3539



82.1179, 0.2606, 0.3597



61.8846, 0.2521, 0.2955



18.6934, 0.3009, 0.3341



37.2640, 0.2442, 0.3992



3.2899, 0.2415, 0.3893

Inverse Universe

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



42.5973, 0.3923, 0.3062



40.4233, 0.4171, 0.3021



51.5049, 0.4022, 0.3596



16.5406, 0.3260, 0.3239



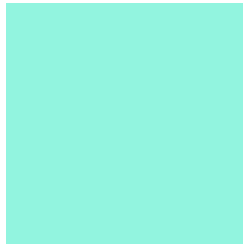
10.6105, 0.6037, 0.3099



0.9471, 0.5698, 0.2913

Previews

White Background



This preview shows how the Yxy color 76.1401, 0.2674, 0.3539 looks on a white background.

Color Contrast Check

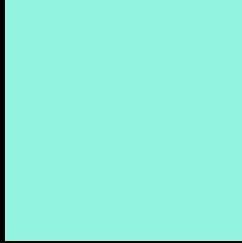
Large Text (above 18pt) WCAG AA × Fail

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 76.1401, 0.2674, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

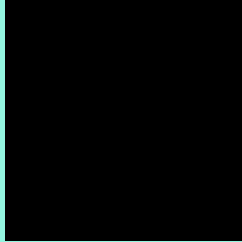
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1401, 0.2674, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 76.1401, 0.2674, 0.3539.

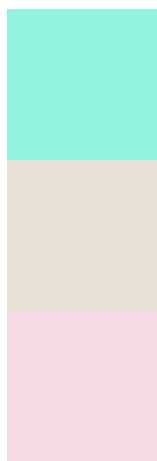


This preview shows how white text looks on a background with the Yxy color 76.1401, 0.2674, 0.3539.

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

76.1401, 0.2674, 0.3539

Protanopia

75.2206, 0.3264, 0.3418

Deuteranopia

75.2124, 0.3248, 0.3178



Tritanopia

76.2616, 0.2597, 0.3098

Trichromacy



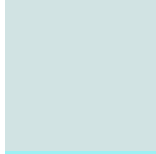
Original Color

76.1401, 0.2674, 0.3539



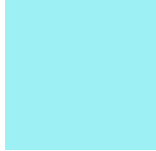
Protanomaly

74.5272, 0.3019, 0.3458



Deuteranomaly

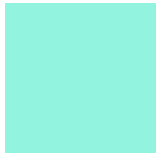
74.0395, 0.3005, 0.3290



Tritanomaly

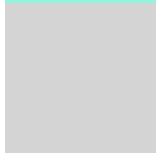
75.9593, 0.2624, 0.3254

Monochromacy



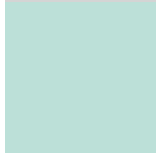
Original Color

76.1401, 0.2674, 0.3539



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.9605, 0.2933, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1401, 0.2674, 0.3539 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(146, 244, 223)` looks like.

```
.text, #text, p{  
    color:rgb(146, 244, 223)  
}
```

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(146, 244, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 244, 223) }
```

Border

The CSS property to change the border of an element to Yxy 76.1401, 0.2674, 0.3539 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(146, 244, 223) }
```

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

```
.border{ border-color:rgb(146, 244, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 244, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 244, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 244, 223); box-shadow:4px 4px 4px 4px rgb(146, 244, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1401, 0.2674, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 244, 223) }
```

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

```
.background{ background-color: rgb(146,  
244, 223) }
```

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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