

Converting Colors

$Yxy(74.8996, 0.2816, 0.3524)$

Have a look what the booklet for
Yxy(74.8996, 0.2816, 0.3524)
contains.

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Color

Yxy(74.7571, 0.2819, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	AAEEDA
RGB	170, 238, 218
RGB Percent	67%, 93%, 85%
CMY	0.3331, 0.0667, 0.1450
CMYK	0.29, 0.00, 0.08, 0.07
HSL	162°, 67%, 80%
HSV	162°, 29%, 93%
XYZ	59.8184, 74.7571, 77.6218
YIQ	215.3880, -34.1080, -20.6360

Conversions

Conversions Part 2

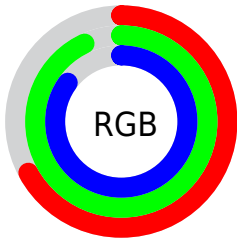
Format	Color
RYB	170, 210, 238
Decimal	11202266
CIELab	89.28, -25.30, 2.85
CIElCh	89, 25.464, 173.571
Yxy	74.7571, 0.2819, 0.3523
Android (android.graphics.Color)	4289392346 (0xFFAAEEDA)
YUV	215.3880, 1.2877, -39.8053
Hunter-Lab	86.4622, -27.8145, 7.2957

Details

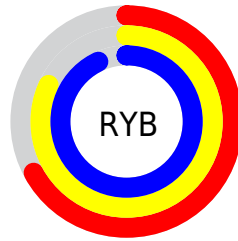
The Yxy color **74.7571, 0.2819, 0.3523** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.6662, 0.3572, 0.3070**, and the grayscale version is **68.2505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **39.8132, 0.2749, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **71.9837, 0.2727, 0.3619**, and if you desaturate by 10%, it is **78.0322, 0.2921, 0.3434**.

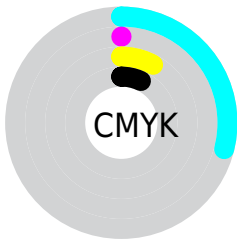
Distribution



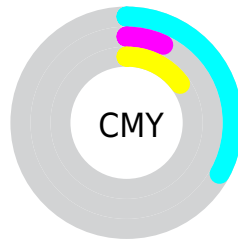
- Red (67%)
- Green (93%)
- Blue (85%)



- Red (67%)
- Yellow (82%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7571, 0.2819, 0.3523 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 74.7571, 0.2819, 0.3523 by changing the saturation by 10% instead.


 74.7571, 0.2819,
0.3523

 74.7571, 0.2819,
0.3523


477.0823, 0.2961,
0.3414

 55.4139, 0.2787,
0.3548


 125.9685, 0.2868,
0.3485

 39.7332, 0.2746,
0.3579


158.6054, 0.2888,
0.3471

 27.3306, 0.2696,
0.3618

196.4425, 0.2904,
0.3458

 17.8217, 0.2629,
0.3670

239.8640, 0.2919,
0.3447

 10.8220, 0.2539,
0.3742

289.2543, 0.2931,
0.3437

 5.9473, 0.2410,
0.3845


344.9979, 0.2942,

 2.8131, 0.2208,


0.3429


0.4011


407.4791, 0.2952,
0.3421


 1.0349, 0.1551,
0.4475


 0.0000, 0.0000,
0.0000


 74.7571, 0.2819,
0.3523


 74.7571, 0.2819,
0.3523


 71.9837, 0.2727,
0.3619


 78.0322, 0.2921,
0.3434


 69.6768, 0.2647,
0.3722


 81.8240, 0.3030,
0.3353

 67.8109, 0.2584,
0.3829


 86.1581, 0.3144,
0.3280


 66.3542, 0.2539,
0.3940


 89.0585, 0.3190,
0.3212


 65.2706, 0.2514,
0.4053

 89.4962, 0.3147,
0.3145

 64.5176, 0.2510,
0.4165

 89.6243, 0.3135,
0.3127

 64.0334, 0.2523,
0.4276

 63.9729, 0.2526,
0.4292

Harmonies

Analogous

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



74.7571, 0.3103, 0.3751



74.7571, 0.2819, 0.3523



74.7571, 0.2622, 0.3232

Triad

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



74.7571, 0.2819, 0.3523



74.7571, 0.2837, 0.2792



74.7571, 0.3733, 0.3560

Complementary

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



74.7571, 0.2819, 0.3523



50.6662, 0.3572, 0.3070

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.



74.7571, 0.3658, 0.3311



74.7571, 0.2819, 0.3523



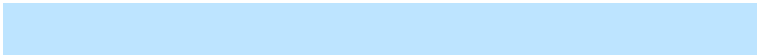
74.7571, 0.3128, 0.2882

Square

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



74.7571, 0.2819, 0.3523



74.7571, 0.2632, 0.2822



74.7571, 0.3432, 0.3068



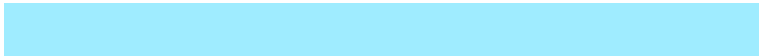
74.7571, 0.3638, 0.3756

Rectangle

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



74.7571, 0.2819, 0.3523



74.7571, 0.2562, 0.3053



74.7571, 0.3432, 0.3068



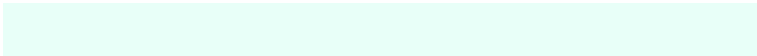
74.7571, 0.3727, 0.3480

Sweetspot

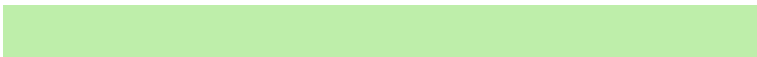
The Sweet Spot groups the original color and five complimentary colors.



74.7602, 0.2819, 0.3523



95.4773, 0.3025, 0.3357



75.0526, 0.3222, 0.4087



20.2901, 0.3009, 0.3368



0.0000, 0.0000, 0.0000



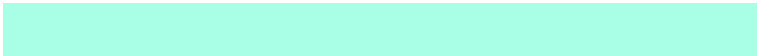
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7602, 0.2819, 0.3523



85.5638, 0.2766, 0.3576



68.2546, 0.2697, 0.3131



17.8452, 0.3020, 0.3360



35.7169, 0.2521, 0.4275



2.9886, 0.2480, 0.4128

Inverse Universe

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



50.6662, 0.3572, 0.3070



53.2615, 0.3693, 0.3026



55.2142, 0.3715, 0.3443



15.8353, 0.3247, 0.3221



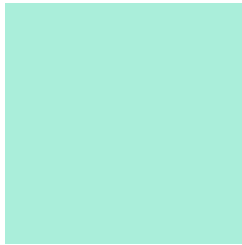
10.4070, 0.5783, 0.2959



0.8825, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 74.7571, 0.2819, 0.3523 looks on a white background.

Color Contrast Check

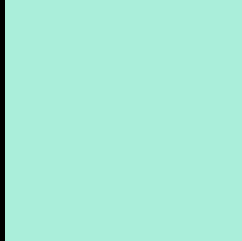
Large Text (above 18pt) WCAG AA × Fail

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 74.7571, 0.2819, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

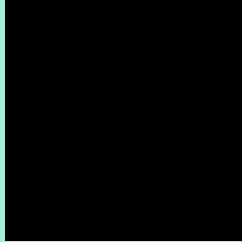
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

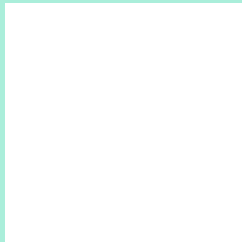
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7571, 0.2819, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 74.7571, 0.2819, 0.3523.

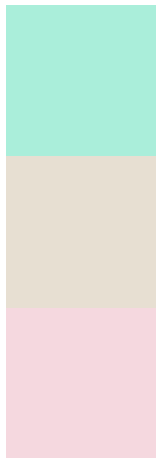


This preview shows how white text looks on a background with the Yxy color 74.7571, 0.2819, 0.3523.

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

74.7571, 0.2819, 0.3523

Protanopia

74.4174, 0.3271, 0.3430

Deuteranopia

73.8519, 0.3292, 0.3218



Tritanopia

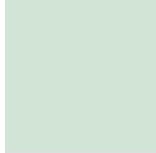
74.6532, 0.2673, 0.3077

Trichromacy



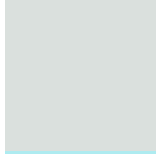
Original Color

74.7571, 0.2819, 0.3523



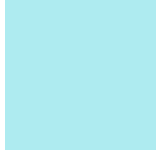
Protanomaly

73.8462, 0.3092, 0.3457



Deuteranomaly

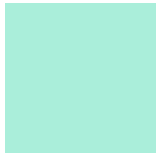
73.4372, 0.3105, 0.3323



Tritanomaly

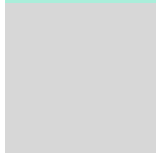
74.7066, 0.2721, 0.3232

Monochromacy



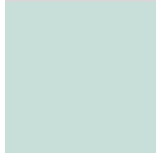
Original Color

74.7571, 0.2819, 0.3523



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.8753, 0.3006, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7571, 0.2819, 0.3523 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(170, 238, 218)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 218)  
}
```

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(170, 238, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.7571, 0.2819, 0.3523 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(170, 238, 218) }
```

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

```
.border{ border-color:rgb(170, 238, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 218);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7571, 0.2819, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 218) }
```

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

```
.background{ background-color: rgb(170,  
238, 218) }
```

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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