

Converting Colors

$Yxy(74.3755, 0.2823, 0.3514)$

Have a look what the booklet for
Yxy(74.3755, 0.2823, 0.3514)
contains.

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Color

Yxy(74.2883, 0.2824, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	ABEDDA
RGB	171, 237, 218
RGB Percent	67%, 93%, 85%
CMY	0.3293, 0.0706, 0.1452
CMYK	0.28, 0.00, 0.08, 0.07
HSL	163°, 65%, 80%
HSV	163°, 28%, 93%
XYZ	59.7352, 74.2883, 77.5035
YIQ	215.1000, -33.2370, -19.9010

Conversions

Conversions Part 2

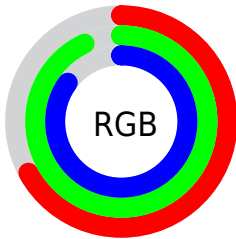
Format	Color
RYB	171, 210, 237
Decimal	11267546
CIELab	89.06, -24.55, 2.56
CIELCh	89, 24.686, 174.043
Yxy	74.2883, 0.2824, 0.3512
Android (android.graphics.Color)	4289457626 (0xFFABEDDA)
YUV	215.1000, 1.4297, -38.6757
Hunter-Lab	86.1907, -27.1226, 7.0193

Details

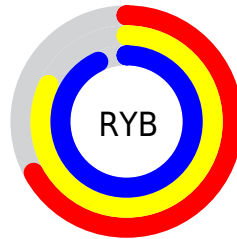
The Yxy color **74.2883, 0.2824, 0.3512** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.8613, 0.3561, 0.3080**, and the grayscale version is **68.0376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **39.4740, 0.2755, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **71.5132, 0.2730, 0.3606**, and if you desaturate by 10%, it is **77.5614, 0.2927, 0.3426**.

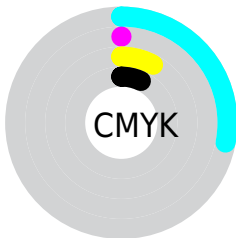
Distribution



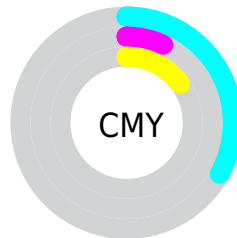
- Red (67%)
- Green (93%)
- Blue (85%)



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



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2883, 0.2824, 0.3512 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 74.2883, 0.2824, 0.3512 by changing the saturation by 10% instead.


 74.2883, 0.2824,
0.3512

 74.2883, 0.2824,
0.3512


475.4678, 0.2964,
0.3409

 55.0300, 0.2792,
0.3536

 125.3044, 0.2873,
0.3476

 39.4258, 0.2753,
0.3565


157.8310, 0.2892,
0.3462

 27.0911, 0.2702,
0.3603


195.5493, 0.2908,
0.3450

 17.6417, 0.2637,
0.3652

238.8434, 0.2922,
0.3440

 10.6930, 0.2548,
0.3720

288.0980, 0.2934,
0.3430

 5.8608, 0.2420,
0.3819

343.6973, 0.2945,

 2.7606, 0.2221,

0.3422

406.0258, 0.2955,
0.3415

0.3977

1.0081, 0.1555,
0.4432

0.0000, 0.0000,
0.0000

74.2883, 0.2824,
0.3512

74.2883, 0.2824,
0.3512

71.5132, 0.2730,
0.3606

77.5614, 0.2927,
0.3426

69.2014, 0.2649,
0.3706

81.3472, 0.3038,
0.3347

67.3277, 0.2584,
0.3811

85.6708, 0.3152,
0.3275


65.8611, 0.2538,
0.3919


88.4413, 0.3195,
0.3209


 64.7662, 0.2511,
0.4029

 88.8672, 0.3153,
0.3144

 64.0014, 0.2504,
0.4139

 89.0495, 0.3135,
0.3117

 63.5100, 0.2516,
0.4248

 63.4213, 0.2520,
0.4272

Harmonies

Analogous

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



74.2883, 0.3100, 0.3734



74.2883, 0.2824, 0.3512



74.2883, 0.2634, 0.3230

Triad

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



74.2883, 0.2824, 0.3512



74.2883, 0.2849, 0.2806



74.2883, 0.3716, 0.3557

Complementary

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



74.2883, 0.2824, 0.3512



50.8613, 0.3561, 0.3080

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.



74.2883, 0.3645, 0.3315



74.2883, 0.2824, 0.3512



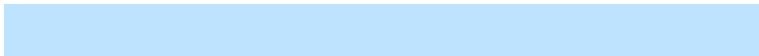
74.2883, 0.3133, 0.2896

Square

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



74.2883, 0.2824, 0.3512



74.2883, 0.2648, 0.2834



74.2883, 0.3427, 0.3078



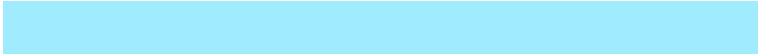
74.2883, 0.3620, 0.3745

Rectangle

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



74.2883, 0.2824, 0.3512



74.2883, 0.2577, 0.3057



74.2883, 0.3427, 0.3078



74.2883, 0.3711, 0.3479

Sweetspot

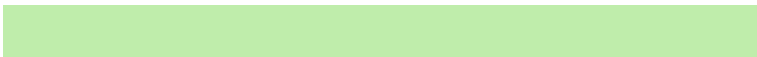
The Sweet Spot groups the original color and five complimentary colors.



74.2913, 0.2824, 0.3512



95.9610, 0.3036, 0.3348



74.5639, 0.3220, 0.4064



20.3869, 0.3019, 0.3359



0.0000, 0.0000, 0.0000



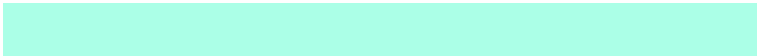
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2913, 0.2824, 0.3512



85.9156, 0.2773, 0.3561



67.9833, 0.2707, 0.3135



17.0435, 0.3020, 0.3359



34.6488, 0.2515, 0.4254



2.7373, 0.2473, 0.4103

Inverse Universe

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



50.8613, 0.3561, 0.3080



54.2746, 0.3675, 0.3038



55.3198, 0.3696, 0.3439



15.1255, 0.3248, 0.3222



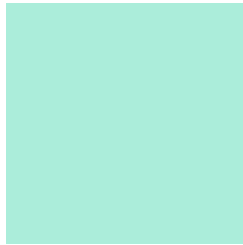
10.0796, 0.5800, 0.2969



0.8076, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 74.2883, 0.2824, 0.3512 looks on a white background.

Color Contrast Check

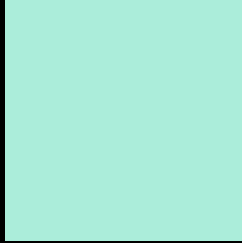
Large Text (above 18pt) WCAG AA × Fail

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 74.2883, 0.2824, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

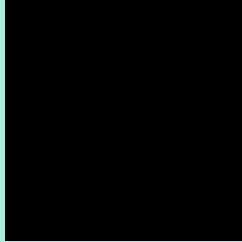
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

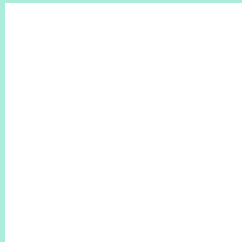
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2883, 0.2824, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 74.2883, 0.2824, 0.3512.

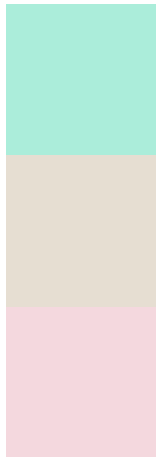


This preview shows how white text looks on a background with the Yxy color 74.2883, 0.2824, 0.3512.

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

74.2883, 0.2824, 0.3512

Protanopia

73.7187, 0.3265, 0.3419

Deuteranopia

73.6188, 0.3291, 0.3228



Tritanopia

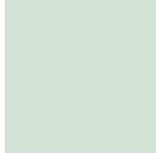
74.1432, 0.2682, 0.3077

Trichromacy



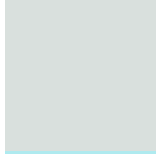
Original Color

74.2883, 0.2824, 0.3512



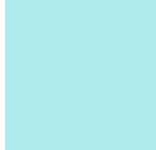
Protanomaly

73.2976, 0.3092, 0.3446



Deuteranomaly

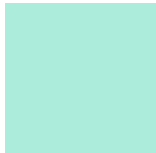
73.2835, 0.3098, 0.3323



Tritanomaly

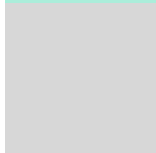
74.1916, 0.2731, 0.3232

Monochromacy



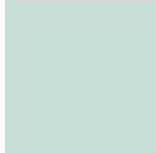
Original Color

74.2883, 0.2824, 0.3512



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 74.2883, 0.2824, 0.3512 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(171, 237, 218)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 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(171, 237, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.2883, 0.2824, 0.3512 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(171, 237, 218) }
```

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

```
.border{ border-color:rgb(171, 237, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 237, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 237, 218); box-shadow:4px 4px 4px 4px rgb(171, 237, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2883, 0.2824, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 218) }
```

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

```
.background{ background-color: rgb(171,  
237, 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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