

Converting Colors

$Yxy(75.1359, 0.2784, 0.3398)$

Have a look what the booklet for
Yxy(75.1359, 0.2784, 0.3398)
contains.

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Color

Yxy(75.0540, 0.2781, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	AEDEE4
RGB	173, 237, 228
RGB Percent	68%, 93%, 89%
CMY	0.3216, 0.0705, 0.1059
CMYK	0.27, 0.00, 0.04, 0.07
HSL	172°, 64%, 80%
HSV	172°, 27%, 93%
XYZ	61.5164, 75.0540, 84.6321
YIQ	216.8380, -35.2550, -16.3670

Conversions

Conversions Part 2

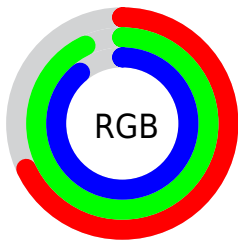
Format	Color
R _{YB}	173, 207, 237
Decimal	11398628
CIE _{Lab}	89.42, -21.89, -2.13
CIE _{LCh}	89, 21.991, 185.566
Yxy	75.0540, 0.2781, 0.3393
Android (android.graphics.Color)	4289588708 (0xFFA _{DE} E4)
YUV	216.8380, 5.5029, -38.4459
Hunter-Lab	86.6337, -24.8607, 2.7235

Details

The Yxy color **75.0540, 0.2781, 0.3393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.2646, 0.3630, 0.3191**, and the grayscale version is **69.2497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **39.9868, 0.2702, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **72.4071, 0.2671, 0.3437**, and if you desaturate by 10%, it is **78.1898, 0.2902, 0.3352**.

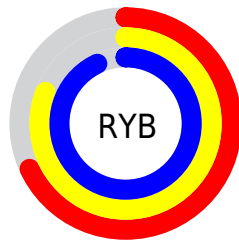
Distribution



Red (68%)

Green (93%)

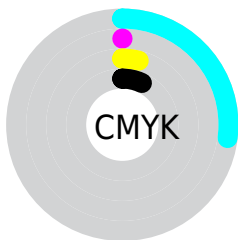
Blue (89%)



Red (68%)

Yellow (81%)

Blue (93%)

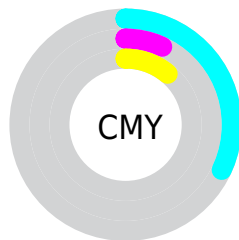


Cyan (27%)

Magenta (0%)

Yellow (4%)

Black (7%)



Cyan (32%)


Magenta (7%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0540, 0.2781, 0.3393 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 75.0540, 0.2781, 0.3393 by changing the saturation by 10% instead.


 75.0540, 0.2781,
0.3393

 75.0540, 0.2781,
0.3393

478.1032, 0.2939,
0.3347

 55.6571, 0.2745,
0.3403


 126.3888, 0.2836,
0.3377

 39.9281, 0.2701,
0.3416


159.0955, 0.2857,
0.3371

 27.4825, 0.2646,
0.3431

197.0076, 0.2875,
0.3366

 17.9359, 0.2574,
0.3451

240.5096, 0.2891,
0.3361

 10.9040, 0.2477,
0.3477

289.9857, 0.2906,
0.3357

 6.0023, 0.2340,
0.3513

345.8204, 0.2918,

 2.8465, 0.2130,

0.3353

408.3981, 0.2929,
0.3350

0.3566

1.0521, 0.1614,
0.3718

0.0000, 0.0000,
0.0000

75.0540, 0.2781,
0.3393

75.0540, 0.2781,
0.3393

72.4071, 0.2671,
0.3437

78.1898, 0.2902,
0.3352

70.2147, 0.2576,
0.3483

81.8288, 0.3032,
0.3314


68.4520, 0.2497,
0.3532

85.9960, 0.3168,
0.3280


67.0884, 0.2437,
0.3581


88.2057, 0.3220,
0.3248


 66.0891, 0.2397,
0.3631


 88.4076, 0.3199,
0.3216


 65.4132, 0.2376,
0.3682


 88.6131, 0.3178,
0.3183

 65.0084, 0.2373,
0.3731

 88.8224, 0.3158,
0.3151

 64.9148, 0.2374,
0.3746

 89.0353, 0.3137,
0.3120

 89.0541, 0.3135,
0.3117

Harmonies

Analogous

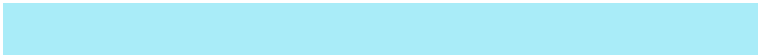
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0540, 0.3004, 0.3618



75.0540, 0.2781, 0.3393



75.0540, 0.2651, 0.3147

Triad

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



75.0540, 0.2781, 0.3393



75.0540, 0.2972, 0.2877



75.0540, 0.3634, 0.3602

Complementary

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



75.0540, 0.2781, 0.3393



51.2646, 0.3630, 0.3191

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.



75.0540, 0.3628, 0.3399



75.0540, 0.2781, 0.3393



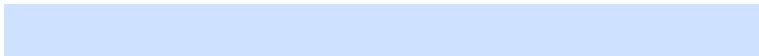
75.0540, 0.3236, 0.2992

Square

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



75.0540, 0.2781, 0.3393



75.0540, 0.2758, 0.2861



75.0540, 0.3480, 0.3179



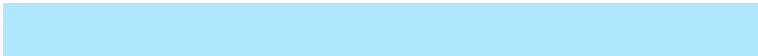
75.0540, 0.3499, 0.3734

Rectangle

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



75.0540, 0.2781, 0.3393



75.0540, 0.2632, 0.3009



75.0540, 0.3480, 0.3179



75.0540, 0.3648, 0.3540

Sweetspot

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



75.0571, 0.2781, 0.3393



96.1504, 0.3019, 0.3318



73.6073, 0.3153, 0.4054



20.4348, 0.2999, 0.3324



0.0000, 0.0000, 0.0000



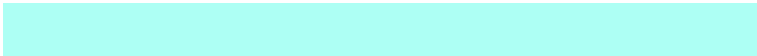
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0571, 0.2781, 0.3393



86.9512, 0.2723, 0.3415



63.3950, 0.2707, 0.3026



17.0832, 0.3000, 0.3323



35.4526, 0.2372, 0.3738



2.7939, 0.2353, 0.3669

Inverse Universe

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



51.2646, 0.3630, 0.3191



54.7994, 0.3762, 0.3171



60.2291, 0.3647, 0.3539



15.0886, 0.3271, 0.3257



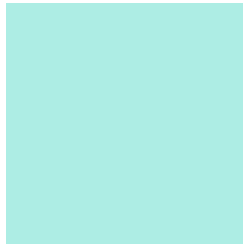
9.9022, 0.6210, 0.3195



0.7884, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 75.0540, 0.2781, 0.3393 looks on a white background.

Color Contrast Check

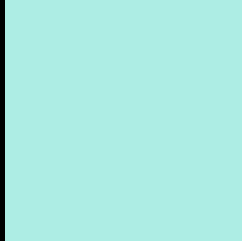
Large Text (above 18pt) WCAG AA × Fail

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 75.0540, 0.2781, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

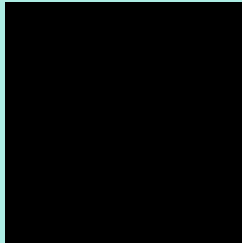
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

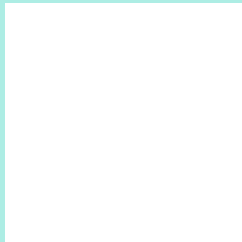
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0540, 0.2781, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 75.0540, 0.2781, 0.3393.

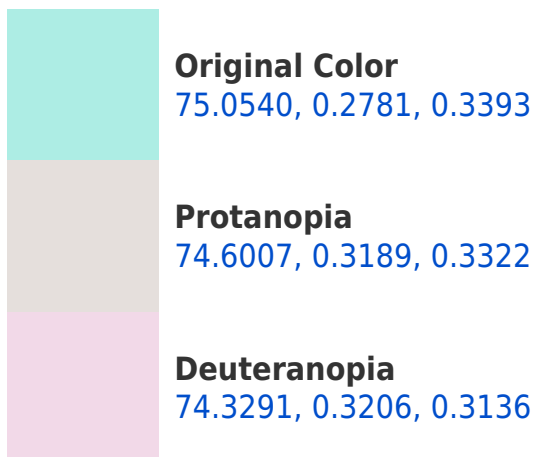


This preview shows how white text looks on a background with the Yxy color 75.0540, 0.2781, 0.3393.

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

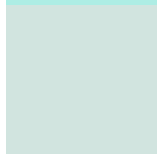
74.7711, 0.2678, 0.3078

Trichromacy



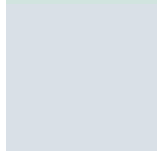
Original Color

75.0540, 0.2781, 0.3393



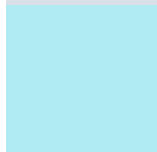
Protanomaly

74.3698, 0.3029, 0.3345



Deuteranomaly

73.8325, 0.3034, 0.3214



Tritanomaly

74.5468, 0.2715, 0.3187

Monochromacy



Original Color

75.0540, 0.2781, 0.3393



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

70.9493, 0.2988, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0540, 0.2781, 0.3393 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(173, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(173, 237, 228)  
}
```

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(173, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 237, 228) }
```

Border

The CSS property to change the border of an element to Yxy 75.0540, 0.2781, 0.3393 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(173, 237, 228) }
```

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

```
.border{ border-color:rgb(173, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 237, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 237, 228); box-shadow:4px 4px 4px 4px rgb(173, 237, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0540, 0.2781, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 237, 228) }
```

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

```
.background{ background-color: rgb(173,  
237, 228) }
```

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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