

Converting Colors

$Yxy(74.3098, 0.2753, 0.3326)$

Have a look what the booklet for
Yxy(74.3098, 0.2753, 0.3326)
contains.

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Color

Yxy(74.0135, 0.2752, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	ACEBE8
RGB	172, 235, 232
RGB Percent	67%, 92%, 91%
CMY	0.3254, 0.0784, 0.0901
CMYK	0.27, 0.00, 0.01, 0.08
HSL	177°, 61%, 80%
HSV	177°, 27%, 92%
XYZ	61.2956, 74.0135, 87.4219
YIQ	215.8210, -36.5850, -14.2890

Conversions

Conversions Part 2

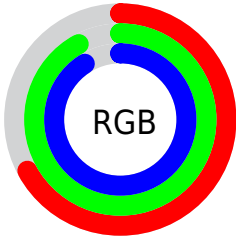
Format	Color
R_{YB}	172, 204, 235
Decimal	11332584
CIE _{Lab}	88.93, -20.30, -4.98
CIE _{LCh}	89, 20.897, 193.774
Yxy	74.0135, 0.2752, 0.3323
Android (android.graphics.Color)	4289522664 (0xFFACEBE8)
YUV	215.8210, 7.9762, -38.4310
Hunter-Lab	86.0311, -23.3765, -0.0267

Details

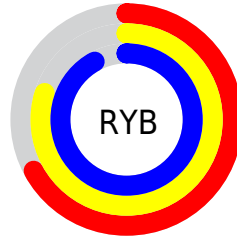
The Yxy color **74.0135, 0.2752, 0.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.2744, 0.3678, 0.3258**, and the grayscale version is **68.5117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **39.2263, 0.2671, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **71.5252, 0.2633, 0.3337**, and if you desaturate by 10%, it is **76.9784, 0.2884, 0.3310**.

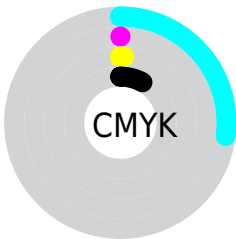
Distribution



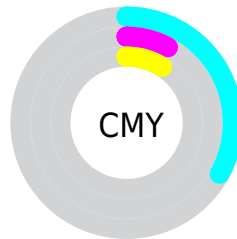
- Red (67%)
- Green (92%)
- Blue (91%)



- Red (67%)
- Yellow (80%)
- Blue (92%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)





- Cyan (33%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0135, 0.2752, 0.3323 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 74.0135, 0.2752, 0.3323 by changing the saturation by 10% instead.

 74.0135, 0.2752,
0.3323

 74.0135, 0.2752,
0.3323


474.5200, 0.2924,
0.3310

 54.8051, 0.2713,
0.3325

 124.9149, 0.2811,
0.3319

 39.2457, 0.2666,
0.3328


157.3768, 0.2834,
0.3317

 26.9509, 0.2606,
0.3331


195.0252, 0.2854,
0.3316

 17.5364, 0.2529,
0.3335

238.2446, 0.2872,
0.3314

 10.6176, 0.2425,
0.3338

287.4194, 0.2887,
0.3313

 5.8104, 0.2277,
0.3340


342.9339, 0.2900,

 2.7301, 0.2054,


0.3312


405.1727, 0.2913,
0.3311


0.3336


 0.9925, 0.1512,
0.3379


 0.0000, 0.0000,
0.0000

 74.0135, 0.2752,
0.3323


 74.0135, 0.2752,
0.3323


 71.5252, 0.2633,
0.3337


 76.9784, 0.2884,
0.3310


 69.4796, 0.2529,
0.3352


 80.4337, 0.3026,
0.3298


 67.8529, 0.2443,
0.3367


 84.4040, 0.3176,
0.3287

 66.6149, 0.2377,
0.3383


 86.7567, 0.3253,
0.3276


 65.7318, 0.2329,
0.3399

 86.8213, 0.3246,
0.3265

 65.1637, 0.2301,
0.3414


 86.8864, 0.3239,
0.3254

 64.8602, 0.2289,
0.3430

 86.9519, 0.3232,
0.3244

 64.7923, 0.2287,
0.3434

 87.0177, 0.3225,
0.3233

 87.0840, 0.3218,
0.3222

Harmonies

Analogous

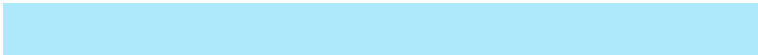
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0135, 0.2945, 0.3551



74.0135, 0.2752, 0.3323



74.0135, 0.2658, 0.3096

Triad

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



74.0135, 0.2752, 0.3323



74.0135, 0.3046, 0.2916



74.0135, 0.3588, 0.3632

Complementary

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



74.0135, 0.2752, 0.3323



50.2744, 0.3678, 0.3258

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.



74.0135, 0.3620, 0.3452



74.0135, 0.2752, 0.3323



74.0135, 0.3300, 0.3048

Square

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



74.0135, 0.2752, 0.3323



74.0135, 0.2822, 0.2873



74.0135, 0.3514, 0.3241



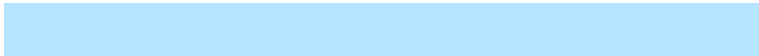
74.0135, 0.3429, 0.3729

Rectangle

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



74.0135, 0.2752, 0.3323



74.0135, 0.2661, 0.2979



74.0135, 0.3514, 0.3241



74.0135, 0.3614, 0.3579

Sweetspot

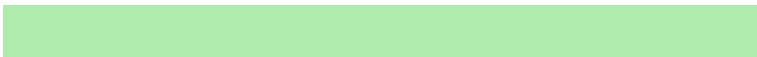
The Sweet Spot groups the original color and five complimentary colors.



74.0165, 0.2752, 0.3323



96.2725, 0.3008, 0.3299



71.5289, 0.3112, 0.4056



20.4658, 0.2986, 0.3301



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.



74.0165, 0.2752, 0.3323



87.4250, 0.2686, 0.3330



59.2347, 0.2704, 0.2952



17.1089, 0.2988, 0.3301



36.0670, 0.2287, 0.3432



2.8359, 0.2281, 0.3411

Inverse Universe

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



50.2744, 0.3678, 0.3258



54.4847, 0.3833, 0.3252



62.1198, 0.3624, 0.3605



15.0655, 0.3286, 0.3279



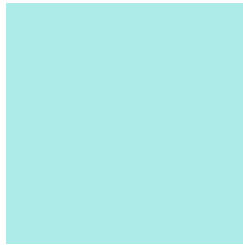
9.8485, 0.6350, 0.3272



0.7774, 0.6215, 0.3197

Previews

White Background



This preview shows how the Yxy color 74.0135, 0.2752, 0.3323 looks on a white background.

Color Contrast Check

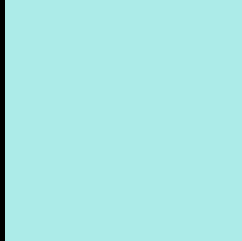
Large Text (above 18pt) WCAG AA × Fail

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 74.0135, 0.2752, 0.3323 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 74.0135, 0.2752, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 74.0135, 0.2752, 0.3323.

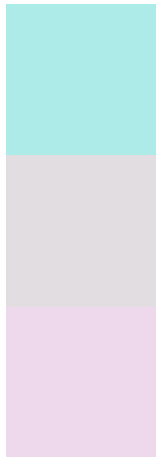


This preview shows how white text looks on a background with the Yxy color 74.0135, 0.2752, 0.3323.

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

74.0135, 0.2752, 0.3323

Protanopia

73.2635, 0.3143, 0.3258

Deuteranopia

73.3450, 0.3151, 0.3083



Tritanopia

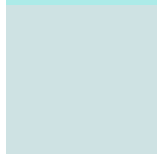
73.9084, 0.2671, 0.3077

Trichromacy



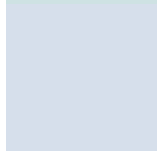
Original Color

74.0135, 0.2752, 0.3323



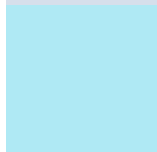
Protanomaly

73.0606, 0.2985, 0.3279



Deuteranomaly

73.0697, 0.2989, 0.3160



Tritanomaly

73.9234, 0.2703, 0.3165

Monochromacy



Original Color

74.0135, 0.2752, 0.3323



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.3286, 0.2975, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0135, 0.2752, 0.3323 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(172, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(172, 235, 232)  
}
```

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(172, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 235, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.0135, 0.2752, 0.3323 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(172, 235, 232) }
```

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

```
.border{ border-color:rgb(172, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 235, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 235, 232); box-shadow:4px 4px 4px 4px rgb(172, 235, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0135, 0.2752, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 235, 232) }
```

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

```
.background{ background-color: rgb(172,  
235, 232) }
```

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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