

Converting Colors

$Yxy(74.5621, 0.2764, 0.3296)$

Have a look what the booklet for
Yxy(74.5621, 0.2764, 0.3296)
contains.

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Color

Yxy(74.5873, 0.2764, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	B0EBEA
RGB	176, 235, 234
RGB Percent	69%, 92%, 92%
CMY	0.3097, 0.0785, 0.0823
CMYK	0.25, 0.00, 0.00, 0.08
HSL	179°, 60%, 81%
HSV	179°, 25%, 92%
XYZ	62.4725, 74.5873, 88.9623
YIQ	217.2450, -34.8430, -12.8190

Conversions

Conversions Part 2

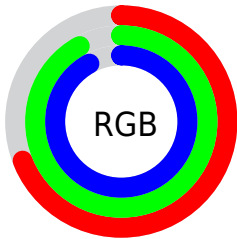
Format	Color
RYB	176, 206, 235
Decimal	11594730
CIELab	89.20, -18.71, -5.59
CIELCh	89, 19.533, 196.644
Yxy	74.5873, 0.2764, 0.3300
Android (android.graphics.Color)	4289784810 (0xFFB0EBEA)
YUV	217.2450, 8.2602, -36.1719
Hunter-Lab	86.3639, -22.0165, -0.6191

Details

The Yxy color **74.5873, 0.2764, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.9017, 0.3649, 0.3281**, and the grayscale version is **69.5323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **39.5921, 0.2685, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **72.0610, 0.2639, 0.3305**, and if you desaturate by 10%, it is **77.5939, 0.2902, 0.3296**.

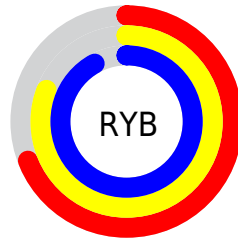
Distribution



Red (69%)

Green (92%)

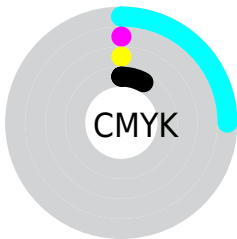
Blue (92%)



Red (69%)

Yellow (81%)

Blue (92%)

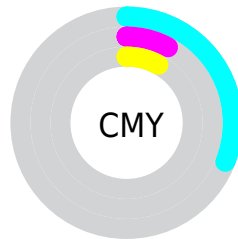


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (8%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5873, 0.2764, 0.3300 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 74.5873, 0.2764, 0.3300 by changing the saturation by 10% instead.

■ 74.5873, 0.2764,
0.3300

■ 74.5873, 0.2764,
0.3300

476.4979, 0.2930,
0.3298

■ 55.2749, 0.2727,
0.3300

■ 125.7280, 0.2821,
0.3300

■ 39.6218, 0.2681,
0.3300

158.3250, 0.2843,
0.3299

■ 27.2438, 0.2623,
0.3299

196.1191, 0.2863,
0.3299

■ 17.7564, 0.2549,
0.3298

239.4945, 0.2879,
0.3299

■ 10.7752, 0.2449,
0.3294

288.8357, 0.2894,
0.3298

■ 5.9159, 0.2307,
0.3287

344.5270, 0.2907,

■ 2.7940, 0.2093,

0.3298

406.9530, 0.2919,
0.3298

0.3269

1.0252, 0.1627,
0.3263

0.0000, 0.0000,
0.0000

74.5873, 0.2764,
0.3300

74.5873, 0.2764,
0.3300

72.0610, 0.2639,
0.3305

77.5939, 0.2902,
0.3296

69.9815, 0.2531,
0.3310


81.0943, 0.3049,
0.3292

68.3252, 0.2439,
0.3315


85.1128, 0.3204,
0.3288

67.0627, 0.2367,
0.3320

86.7053, 0.3259,
0.3285

 66.1608, 0.2315,
0.3325


 86.7278, 0.3256,
0.3281


 65.5811, 0.2281,
0.3330


 86.7503, 0.3254,
0.3277

 65.2760, 0.2265,
0.3336

 86.7729, 0.3251,
0.3273

 65.1903, 0.2261,
0.3338

 86.7955, 0.3249,
0.3270

 86.8182, 0.3247,
0.3266

Harmonies

Analogous

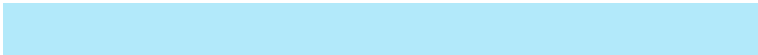
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5873, 0.2938, 0.3514



74.5873, 0.2764, 0.3300



74.5873, 0.2686, 0.3092

Triad

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



74.5873, 0.2764, 0.3300



74.5873, 0.3074, 0.2949



74.5873, 0.3547, 0.3623

Complementary

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



74.5873, 0.2764, 0.3300



51.9017, 0.3649, 0.3281

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.



74.5873, 0.3589, 0.3460



74.5873, 0.2764, 0.3300



74.5873, 0.3311, 0.3080

Square

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



74.5873, 0.2764, 0.3300



74.5873, 0.2860, 0.2900



74.5873, 0.3502, 0.3263



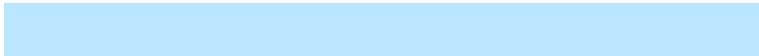
74.5873, 0.3390, 0.3702

Rectangle

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



74.5873, 0.2764, 0.3300



74.5873, 0.2696, 0.2987



74.5873, 0.3502, 0.3263



74.5873, 0.3576, 0.3576

Sweetspot

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



74.5903, 0.2764, 0.3300



96.3125, 0.3005, 0.3293



71.8996, 0.3100, 0.4003



20.4760, 0.2982, 0.3294



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.



74.5903, 0.2764, 0.3300



88.1833, 0.2699, 0.3302



59.6158, 0.2729, 0.2953



17.1174, 0.2984, 0.3294



36.2851, 0.2260, 0.3337



2.8506, 0.2258, 0.3330

Inverse Universe

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



51.9017, 0.3649, 0.3281



56.5857, 0.3794, 0.3279



64.2375, 0.3582, 0.3605



15.0581, 0.3290, 0.3287



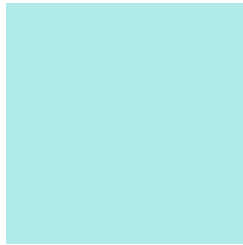
9.8363, 0.6383, 0.3290



0.7738, 0.6334, 0.3263

Previews

White Background



This preview shows how the Yxy color 74.5873, 0.2764, 0.3300 looks on a white background.

Color Contrast Check

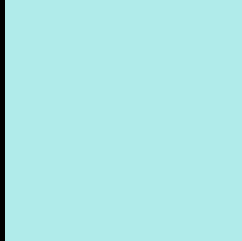
Large Text (above 18pt) WCAG AA × Fail

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 74.5873, 0.2764, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

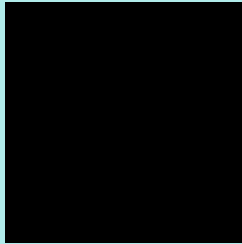
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5873, 0.2764, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 74.5873, 0.2764, 0.3300.

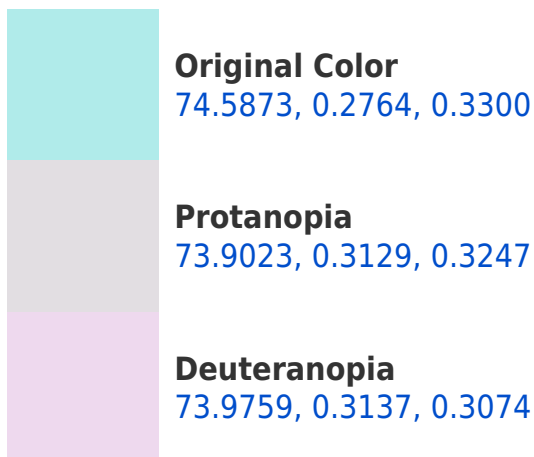


This preview shows how white text looks on a background with the Yxy color 74.5873, 0.2764, 0.3300.

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

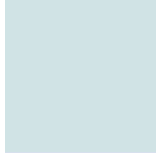
74.3816, 0.2693, 0.3078

Trichromacy



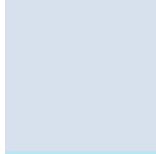
Original Color

74.5873, 0.2764, 0.3300



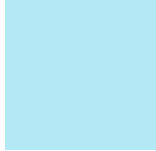
Protanomaly

74.0052, 0.2986, 0.3268



Deuteranomaly

73.8728, 0.2983, 0.3150



Tritanomaly

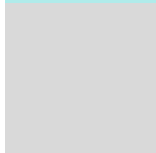
74.4541, 0.2720, 0.3154

Monochromacy



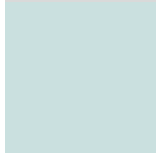
Original Color

74.5873, 0.2764, 0.3300



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.1956, 0.2983, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5873, 0.2764, 0.3300 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(176, 235, 234)` looks like.

```
.text, #text, p{  
    color:rgb(176, 235, 234)  
}
```

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(176, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 235, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.5873, 0.2764, 0.3300 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(176, 235, 234) }
```

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

```
.border{ border-color:rgb(176, 235, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 235, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(176, 235,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5873, 0.2764, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 235, 234) }
```

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

```
.background{ background-color: rgb(176,  
235, 234) }
```

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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