

Converting Colors

$Yxy(76.2609, 0.2842, 0.3369)$

Have a look what the booklet for
Yxy(76.2609, 0.2842, 0.3369)
contains.

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Color

Yxy(75.9623, 0.2844, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	B9ECE5
RGB	185, 236, 229
RGB Percent	73%, 93%, 90%
CMY	0.2746, 0.0745, 0.1018
CMYK	0.22, 0.00, 0.03, 0.07
HSL	172°, 57%, 83%
HSV	172°, 22%, 93%
XYZ	64.1439, 75.9623, 85.4350
YIQ	219.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

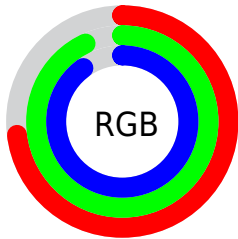
Format	Color
R_{YB}	185, 212, 236
Decimal	12184805
CIE _{Lab}	89.84, -17.64, -1.98
CIE _{LCh}	90, 17.752, 186.412
Yxy	75.9623, 0.2844, 0.3368
Android (android.graphics.Color)	4290374885 (0xFFB9ECE5)
YUV	219.9530, 4.4602, -30.6538
Hunter-Lab	87.1564, -21.1540, 2.8904

Details

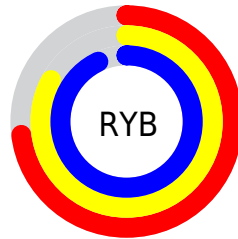
The Yxy color **75.9623, 0.2844, 0.3368** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.3231, 0.3506, 0.3214**, and the grayscale version is **71.5179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **40.5238, 0.2778, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **73.0918, 0.2727, 0.3409**, and if you desaturate by 10%, it is **79.3295, 0.2971, 0.3330**.

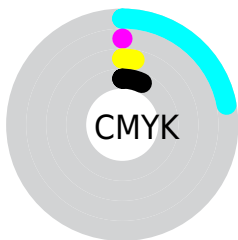
Distribution



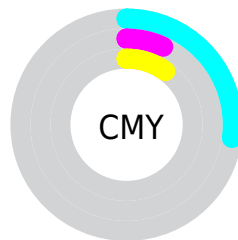
- Red (73%)
- Green (93%)
- Blue (90%)



- Red (73%)
- Yellow (83%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)




- Cyan (27%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9623, 0.2844, 0.3368 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 75.9623, 0.2844, 0.3368 by changing the saturation by 10% instead.


 75.9623, 0.2844,
0.3368

 75.9623, 0.2844,
0.3368


481.2186, 0.2973,
0.3333

 56.4016, 0.2815,
0.3376


 127.6736, 0.2889,
0.3356

 40.5250, 0.2779,
0.3385


160.5930, 0.2906,
0.3351

 27.9481, 0.2734,
0.3397


198.7341, 0.2921,
0.3347

 18.2866, 0.2675,
0.3412

242.4813, 0.2934,
0.3344

 11.1559, 0.2596,
0.3432

292.2189, 0.2946,
0.3341

 6.1718, 0.2484,
0.3459

348.3314, 0.2956,

 2.9498, 0.2312,

0.3338

411.2032, 0.2965,
0.3335

0.3499

1.1056, 0.1963,
0.3587

0.0000, 0.0000,
0.0000

75.9623, 0.2844,
0.3368

75.9623, 0.2844,
0.3368

73.0918, 0.2727,
0.3409

79.3295, 0.2971,
0.3330

70.6847, 0.2623,
0.3453


83.2065, 0.3105,
0.3295

68.7180, 0.2535,
0.3499

87.4705, 0.3238,
0.3264

67.1629, 0.2465,
0.3546


87.6624, 0.3217,
0.3233

 65.9875, 0.2413,
0.3594

 87.8578, 0.3197,
0.3201

 65.1549, 0.2382,
0.3643

 88.0567, 0.3177,
0.3170

 64.6208, 0.2369,
0.3691

 88.2590, 0.3157,
0.3139

 64.3441, 0.2370,
0.3731

 88.4647, 0.3137,
0.3109

 88.4757, 0.3136,
0.3107

Harmonies

Analogous

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



75.9623, 0.3024, 0.3547



75.9623, 0.2844, 0.3368



75.9623, 0.2741, 0.3172

Triad

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



75.9623, 0.2844, 0.3368



75.9623, 0.3009, 0.2956



75.9623, 0.3532, 0.3548

Complementary

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



75.9623, 0.2844, 0.3368



56.3231, 0.3506, 0.3214

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.



75.9623, 0.3530, 0.3386



75.9623, 0.2844, 0.3368



75.9623, 0.3222, 0.3052

Square

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



75.9623, 0.2844, 0.3368



75.9623, 0.2833, 0.2942



75.9623, 0.3415, 0.3206



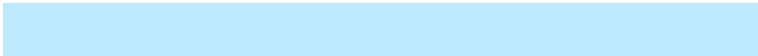
75.9623, 0.3423, 0.3649

Rectangle

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



75.9623, 0.2844, 0.3368



75.9623, 0.2726, 0.3062



75.9623, 0.3415, 0.3206



75.9623, 0.3545, 0.3499

Sweetspot

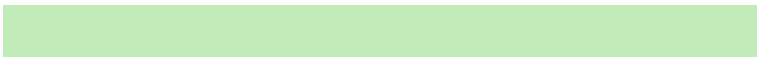
The Sweet Spot groups the original color and five complimentary colors.



75.9654, 0.2844, 0.3368



97.0789, 0.3045, 0.3310



74.7856, 0.3150, 0.3884



20.7138, 0.3036, 0.3312



0.0000, 0.0000, 0.0000



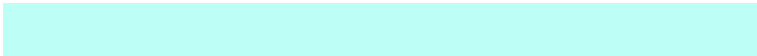
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9654, 0.2844, 0.3368



88.9508, 0.2790, 0.3386



66.5853, 0.2791, 0.3084



17.0844, 0.2999, 0.3322



35.4791, 0.2368, 0.3723



2.7957, 0.2349, 0.3657

Inverse Universe

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



56.3231, 0.3506, 0.3214



61.5923, 0.3610, 0.3197



63.9692, 0.3525, 0.3487



15.0876, 0.3271, 0.3258



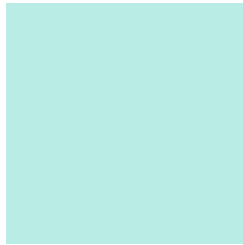
9.8988, 0.6218, 0.3199



0.7879, 0.5898, 0.3023

Previews

White Background



This preview shows how the Yxy color 75.9623, 0.2844, 0.3368 looks on a white background.

Color Contrast Check

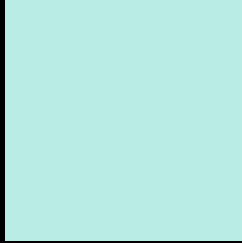
Large Text (above 18pt) WCAG AA × Fail

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 75.9623, 0.2844, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

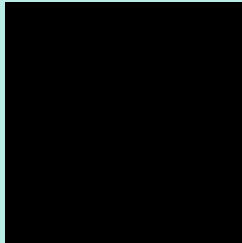
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

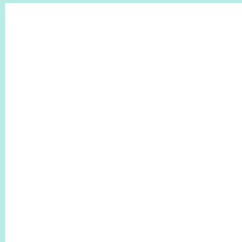
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9623, 0.2844, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 75.9623, 0.2844, 0.3368.

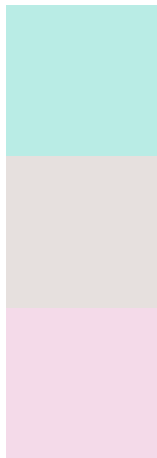


This preview shows how white text looks on a background with the Yxy color 75.9623, 0.2844, 0.3368.

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

75.9623, 0.2844, 0.3368

Protanopia

75.4082, 0.3183, 0.3311

Deuteranopia

75.2591, 0.3213, 0.3137



Tritanopia

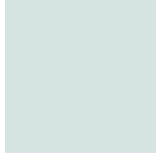
76.0617, 0.2746, 0.3092

Trichromacy



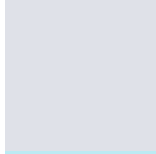
Original Color

75.9623, 0.2844, 0.3368



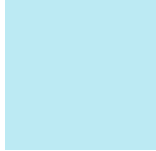
Protanomaly

75.2192, 0.3051, 0.3322



Deuteranomaly

75.3646, 0.3069, 0.3215



Tritanomaly

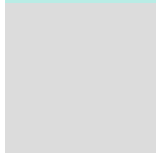
76.0081, 0.2784, 0.3189

Monochromacy



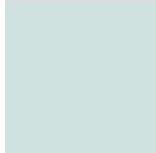
Original Color

75.9623, 0.2844, 0.3368



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

72.9858, 0.3016, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9623, 0.2844, 0.3368 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(185, 236, 229)` looks like.

```
.text, #text, p{  
    color:rgb(185, 236, 229)  
}
```

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(185, 236, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 236, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.9623, 0.2844, 0.3368 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(185, 236, 229) }
```

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

```
.border{ border-color:rgb(185, 236, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 236, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 236, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 236, 229);  
box-shadow:4px 4px 4px 4px rgb(185, 236,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9623, 0.2844, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 236, 229) }
```

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

```
.background{ background-color: rgb(185,  
236, 229) }
```

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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