

Converting Colors

$Yxy(68.4613, 0.2870, 0.3289)$

Have a look what the booklet for
Yxy(68.4613, 0.2870, 0.3289)
contains.

Yxy(68.4174, 0.2871, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.4174, 0.2871, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B9DFDF
RGB	185, 223, 223
RGB Percent	73%, 87%, 87%
CMY	0.2744, 0.1255, 0.1254
CMYK	0.17, 0.00, 0.00, 0.13
HSL	180°, 37%, 80%
HSV	180°, 17%, 87%
XYZ	59.7222, 68.4174, 79.8792
YIQ	211.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

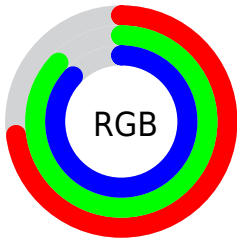
Format	Color
R _{YB}	185, 204, 223
Decimal	12181471
CIE _{Lab}	86.21, -12.33, -4.15
CIE _{LCh}	86, 13.005, 198.598
Y _{xy}	68.4174, 0.2871, 0.3289
Android (android.graphics.Color)	4290371551 (0xFFB9DFDF)
YUV	211.6380, 5.6015, -23.3615
Hunter-Lab	82.7148, -15.8693, 0.6429

Details

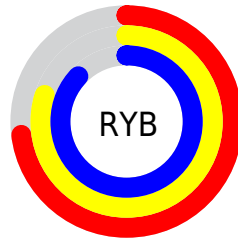
The Yxy color **68.4174, 0.2871, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.9161, 0.3452, 0.3291**, and the grayscale version is **65.5651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **35.6577, 0.2807, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **65.8540, 0.2734, 0.3288**, and if you desaturate by 10%, it is **71.4215, 0.3019, 0.3290**.

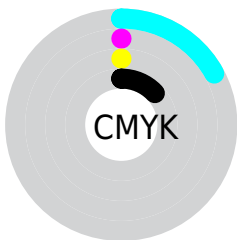
Distribution



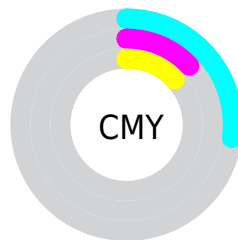
- Red (73%)
- Green (87%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)




- Cyan (27%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4174, 0.2871, 0.3289 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 68.4174, 0.2871, 0.3289 by changing the saturation by 10% instead.


 68.4174, 0.2871,
0.3289

 68.4174, 0.2871,
0.3289


454.9735, 0.2990,
0.3291

 50.2374, 0.2844,
0.3288

 116.9491, 0.2912,
0.3290

 35.6021, 0.2810,
0.3287


148.0695, 0.2929,
0.3290

 24.1270, 0.2767,
0.3286


184.2722, 0.2942,
0.3290

 15.4279, 0.2710,
0.3284


225.9416, 0.2954,
0.3290

 9.1202, 0.2633,
0.3280

273.4620, 0.2965,
0.3290

 4.8197, 0.2520,
0.3272

327.2178, 0.2974,

 2.1419, 0.2342,

0.3291

387.5935, 0.2983,
0.3291

0.3257

0.6880, 0.1696,
0.3304

0.0000, 0.0000,
0.0000

68.4174, 0.2871,
0.3289

68.4174, 0.2871,
0.3289

65.8540, 0.2734,
0.3288

71.4215, 0.3019,
0.3290

63.7026, 0.2611,
0.3288

74.8768, 0.3174,
0.3290

61.9442, 0.2504,
0.3287

78.8038, 0.3334,
0.3291

60.5551, 0.2416,
0.3287


79.3852, 0.3356,
0.3291


 59.5087, 0.2346,
0.3287

 79.3912, 0.3356,
0.3291


 58.7752, 0.2296,
0.3286


 79.3972, 0.3356,
0.3291


 58.3196, 0.2265,
0.3286

 79.4032, 0.3356,
0.3291

 58.0962, 0.2249,
0.3286

 79.4091, 0.3356,
0.3291

 58.0517, 0.2246,
0.3286

 79.4151, 0.3356,
0.3292

Harmonies

Analogous

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



68.4174, 0.2989, 0.3434



68.4174, 0.2871, 0.3289



68.4174, 0.2821, 0.3149

Triad

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



68.4174, 0.2871, 0.3289



68.4174, 0.3103, 0.3057



68.4174, 0.3410, 0.3526

Complementary

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



68.4174, 0.2871, 0.3289



53.9161, 0.3452, 0.3291

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.



68.4174, 0.3443, 0.3419



68.4174, 0.2871, 0.3289



68.4174, 0.3264, 0.3152

Square

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



68.4174, 0.2871, 0.3289



68.4174, 0.2952, 0.3020



68.4174, 0.3389, 0.3283



68.4174, 0.3300, 0.3572

Rectangle

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



68.4174, 0.2871, 0.3289



68.4174, 0.2832, 0.3078



68.4174, 0.3389, 0.3283



68.4174, 0.3431, 0.3495

Sweetspot

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



68.4202, 0.2871, 0.3289



97.6574, 0.3049, 0.3290



66.6063, 0.3106, 0.3749



20.8350, 0.3038, 0.3290



0.0000, 0.0000, 0.0000



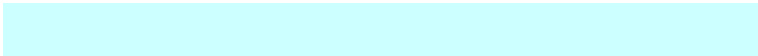
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4202, 0.2871, 0.3289



91.5610, 0.2827, 0.3289



58.8454, 0.2860, 0.3064



15.5711, 0.2982, 0.3289



34.1291, 0.2246, 0.3286



2.3660, 0.2246, 0.3286

Inverse Universe

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



55.7312, 0.3147, 0.2870



71.6641, 0.3151, 0.2792



62.3926, 0.3417, 0.3506



13.9355, 0.3138, 0.3059



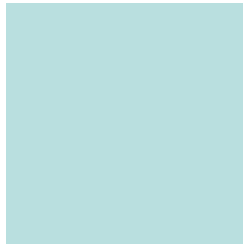
12.3534, 0.3210, 0.1542



0.8563, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 68.4174, 0.2871, 0.3289 looks on a white background.

Color Contrast Check

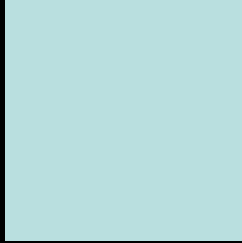
Large Text (above 18pt) WCAG AA × Fail

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 68.4174, 0.2871, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

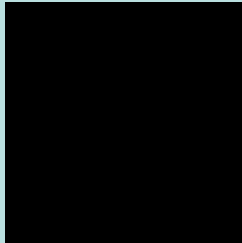
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

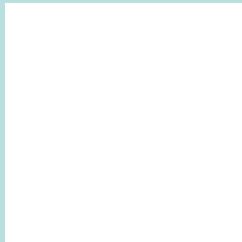
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4174, 0.2871, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 68.4174, 0.2871, 0.3289.

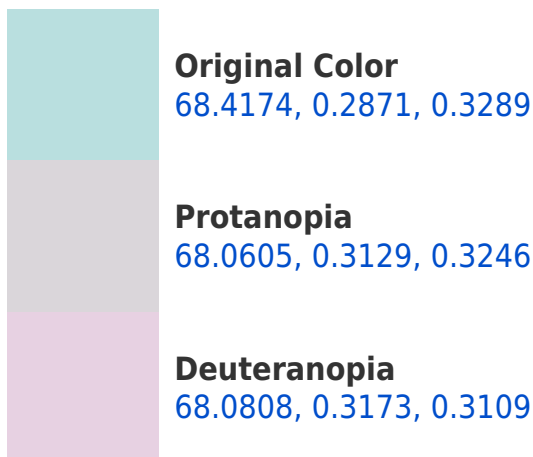


This preview shows how white text looks on a background with the Yxy color 68.4174, 0.2871, 0.3289.

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

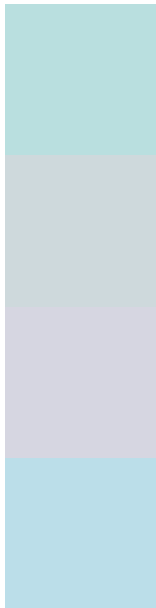




Tritanopia

68.5773, 0.2801, 0.3097

Trichromacy



Original Color

68.4174, 0.2871, 0.3289

Protanomaly

67.9148, 0.3029, 0.3256

Deuteranomaly

67.8255, 0.3054, 0.3168

Tritanomaly

68.6905, 0.2824, 0.3164

Monochromacy



Original Color

68.4174, 0.2871, 0.3289

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.6262, 0.3027, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4174, 0.2871, 0.3289 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, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 223)  
}
```

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, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.4174, 0.2871, 0.3289 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, 223, 223) }
```

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

```
.border{ border-color:rgb(185, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 223, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 223, 223); box-shadow:4px 4px 4px 4px rgb(185, 223, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4174, 0.2871, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 223) }
```

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

```
.background{ background-color: rgb(185,  
223, 223) }
```

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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