

Converting Colors

Yxy(68.1763, 0.2889, 0.3321)

Have a look what the booklet for
Yxy(68.1763, 0.2889, 0.3321)
contains.

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Color

Yxy(68.2569, 0.2889, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	B9DFDC
RGB	185, 223, 220
RGB Percent	73%, 87%, 86%
CMY	0.2743, 0.1255, 0.1372
CMYK	0.17, 0.00, 0.01, 0.13
HSL	175°, 37%, 80%
HSV	175°, 17%, 87%
XYZ	59.3244, 68.2569, 77.7644
YIQ	211.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

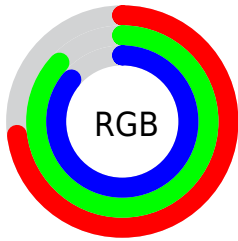
Format	Color
RYB	185, 205, 223
Decimal	12181468
CIELab	86.13, -12.93, -2.68
CIELCh	86, 13.209, 191.703
Yxy	68.2569, 0.2889, 0.3324
Android (android.graphics.Color)	4290371548 (0xFFB9DFDC)
YUV	211.2960, 4.2911, -23.0616
Hunter-Lab	82.6177, -16.4076, 2.0254

Details

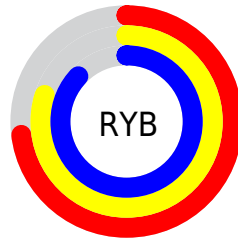
The Yxy color **68.2569, 0.2889, 0.3324** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0410, 0.3427, 0.3257**, and the grayscale version is **65.3373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **35.5472, 0.2830, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **65.6070, 0.2761, 0.3346**, and if you desaturate by 10%, it is **71.3484, 0.3027, 0.3303**.

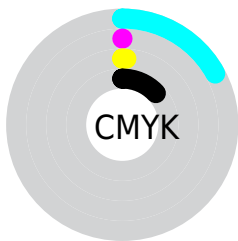
Distribution



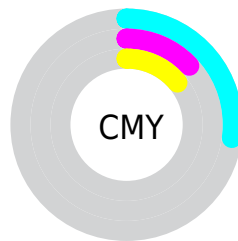
- Red (73%)
- Green (87%)
- Blue (86%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2569, 0.2889, 0.3324 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 68.2569, 0.2889, 0.3324 by changing the saturation by 10% instead.

■ 68.2569, 0.2889,
0.3324

■ 68.2569, 0.2889,
0.3324

454.4057, 0.3000,
0.3309

■ 50.1068, 0.2863,
0.3327

■ 116.7196, 0.2928,
0.3319

■ 35.4982, 0.2832,
0.3331

147.8009, 0.2943,
0.3317

■ 24.0469, 0.2791,
0.3336

183.9614, 0.2956,
0.3315

■ 15.3684, 0.2738,
0.3342

225.5855, 0.2967,
0.3314

■ 9.0784, 0.2666,
0.3350

273.0576, 0.2977,
0.3312

■ 4.7923, 0.2559,
0.3361

326.7621, 0.2985,

■ 2.1259, 0.2391,

0.3311

387.0833, 0.2993,
0.3310

0.3375

0.6792, 0.1704,
0.3509

0.0000, 0.0000,
0.0000

68.2569, 0.2889,
0.3324

68.2569, 0.2889,
0.3324

65.6070, 0.2761,
0.3346

71.3484, 0.3027,
0.3303

63.3700, 0.2645,
0.3370

74.8920, 0.3171,
0.3285

61.5269, 0.2545,
0.3395

78.9082, 0.3319,
0.3268

60.0539, 0.2461,
0.3421

79.5775, 0.3329,
0.3250

■ 58.9246, 0.2397,
0.3448

■ 79.6748, 0.3317,
0.3233

■ 58.1092, 0.2352,
0.3475

■ 79.7730, 0.3305,
0.3216

■ 57.5727, 0.2326,
0.3501

■ 79.8722, 0.3293,
0.3198

■ 57.2694, 0.2317,
0.3528

■ 79.9725, 0.3281,
0.3181

■ 57.2009, 0.2316,
0.3536

■ 80.0737, 0.3269,
0.3164

Harmonies

Analogous

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



68.2569, 0.3021, 0.3466



68.2569, 0.2889, 0.3324



68.2569, 0.2821, 0.3177

Triad

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



68.2569, 0.2889, 0.3324



68.2569, 0.3065, 0.3039



68.2569, 0.3430, 0.3509

Complementary

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



68.2569, 0.2889, 0.3324



54.0410, 0.3427, 0.3257

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.



68.2569, 0.3444, 0.3390



68.2569, 0.2889, 0.3324



68.2569, 0.3230, 0.3123

Square

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



68.2569, 0.2889, 0.3324



68.2569, 0.2920, 0.3017



68.2569, 0.3370, 0.3250



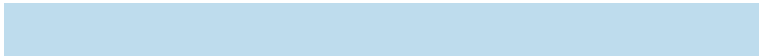
68.2569, 0.3334, 0.3572

Rectangle

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



68.2569, 0.2889, 0.3324



68.2569, 0.2819, 0.3096



68.2569, 0.3370, 0.3250



68.2569, 0.3445, 0.3474

Sweetspot

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



68.2597, 0.2889, 0.3324



97.5972, 0.3055, 0.3300



66.9948, 0.3128, 0.3746



20.8202, 0.3045, 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.



68.2597, 0.2889, 0.3324



91.3220, 0.2848, 0.3331



60.3641, 0.2862, 0.3102



15.5528, 0.2992, 0.3308



33.6442, 0.2314, 0.3532



2.3376, 0.2303, 0.3491

Inverse Universe

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



54.0410, 0.3427, 0.3257



69.0001, 0.3496, 0.3250



60.9012, 0.3422, 0.3471



13.7179, 0.3280, 0.3272



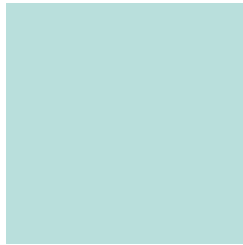
9.2555, 0.6311, 0.3250



0.6477, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 68.2569, 0.2889, 0.3324 looks on a white background.

Color Contrast Check

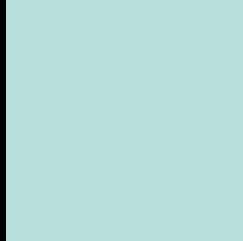
Large Text (above 18pt) WCAG AA × Fail

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 68.2569, 0.2889, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

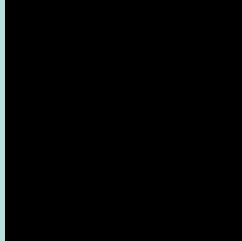
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

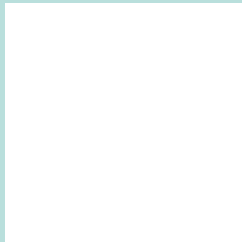
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2569, 0.2889, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 68.2569, 0.2889, 0.3324.



This preview shows how white text looks on a background with the Yxy color 68.2569, 0.2889, 0.3324.

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

68.2569, 0.2889, 0.3324

Protanopia

68.0595, 0.3157, 0.3279

Deuteranopia

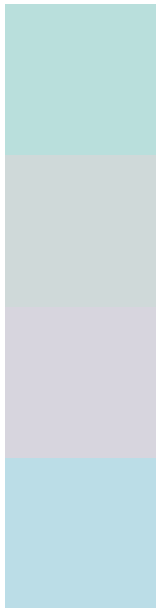
67.5953, 0.3202, 0.3130



Tritanopia

68.0508, 0.2800, 0.3085

Trichromacy



Original Color

68.2569, 0.2889, 0.3324

Protanomaly

67.9009, 0.3056, 0.3290

Deuteranomaly

67.3095, 0.3081, 0.3190

Tritanomaly

68.0472, 0.2835, 0.3175

Monochromacy



Original Color

68.2569, 0.2889, 0.3324

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0125, 0.3040, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2569, 0.2889, 0.3324 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 220) }
```

Border

The CSS property to change the border of an element to Yxy 68.2569, 0.2889, 0.3324 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, 220) }
```

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

```
.border{ border-color:rgb(185, 223, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2569, 0.2889, 0.3324 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, 220) }
```

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

```
.background{ background-color: rgb(185,  
223, 220) }
```

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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