

Converting Colors

$Yxy(65.6935, 0.2977, 0.3440)$

Have a look what the booklet for
Yxy(65.6935, 0.2977, 0.3440)
contains.

Yxy(65.6071, 0.2974, 0.3432)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.6071, 0.2974, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	BADBCF
RGB	186, 219, 207
RGB Percent	73%, 86%, 81%
CMY	0.2704, 0.1412, 0.1882
CMYK	0.15, 0.00, 0.05, 0.14
HSL	158°, 31%, 79%
HSV	158°, 15%, 86%
XYZ	56.8518, 65.6071, 68.7039
YIQ	207.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

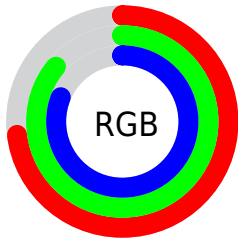
Format	Color
RYB	186, 206, 219
Decimal	12245967
CIELab	84.80, -13.18, 2.24
CIELCh	85, 13.372, 170.342
Yxy	65.6071, 0.2974, 0.3432
Android (android.graphics.Color)	4290436047 (0xFFBADBCF)
YUV	207.7650, -0.3771, -19.0879
Hunter-Lab	80.9982, -16.4595, 6.4080

Details

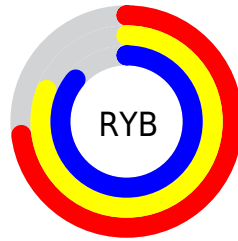
The Yxy color **65.6071, 0.2974, 0.3432** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2733, 0.3309, 0.3152**, and the grayscale version is **62.9329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **33.8374, 0.2938, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **62.6933, 0.2878, 0.3539**, and if you desaturate by 10%, it is **68.9664, 0.3075, 0.3335**.

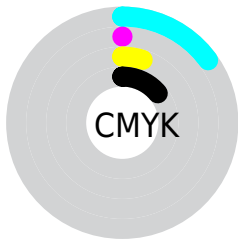
Distribution



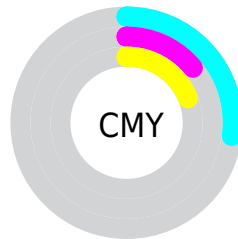
- Red (73%)
- Green (86%)
- Blue (81%)



- Red (73%)
- Yellow (81%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)





- Cyan (27%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6071, 0.2974, 0.3432 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 65.6071, 0.2974, 0.3432 by changing the saturation by 10% instead.


 65.6071, 0.2974,
0.3432

 65.6071, 0.2974,
0.3432

444.9704, 0.3047,
0.3365

 47.9535, 0.2957,
0.3448


 112.9222, 0.3000,
0.3408

 33.7901, 0.2936,
0.3468


143.3526, 0.3009,
0.3399

 22.7324, 0.2908,
0.3494


178.8106, 0.3018,
0.3391

 14.3960, 0.2872,
0.3528


219.6808, 0.3025,
0.3384

 8.3966, 0.2821,
0.3576

266.3475, 0.3031,
0.3379

 4.3498, 0.2745,
0.3649

319.1950, 0.3037,

 1.8711, 0.2620,

0.3373

378.6079, 0.3042,
0.3369

0.3772

0.5309, 0.1611,
0.4678

0.0000, 0.0000,
0.0000

65.6071, 0.2974,
0.3432

65.6071, 0.2974,
0.3432

62.6933, 0.2878,
0.3539

68.9664, 0.3075,
0.3335

60.1975, 0.2790,
0.3656


72.7811, 0.3179,
0.3248


58.1014, 0.2713,
0.3781


77.0711, 0.3283,
0.3171


56.3826, 0.2649,
0.3914


78.1441, 0.3252,
0.3094

 55.0159, 0.2603,
0.4052

 78.6250, 0.3198,
0.3017


 53.9732, 0.2577,
0.4193

 79.1269, 0.3145,
0.2942

 53.2219, 0.2570,
0.4335

 79.1400, 0.3144,
0.2940

 52.7222, 0.2584,
0.4474

 52.5343, 0.2595,
0.4542

Harmonies

Analogous

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



65.6071, 0.3136, 0.3545



65.6071, 0.2974, 0.3432



65.6071, 0.2855, 0.3280

Triad

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



65.6071, 0.2974, 0.3432



65.6071, 0.2953, 0.3009



65.6071, 0.3458, 0.3432

Complementary

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



65.6071, 0.2974, 0.3432



54.2733, 0.3309, 0.3152

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.



65.6071, 0.3406, 0.3291



65.6071, 0.2974, 0.3432



65.6071, 0.3112, 0.3052

Square

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



65.6071, 0.2974, 0.3432



65.6071, 0.2843, 0.3038



65.6071, 0.3278, 0.3153



65.6071, 0.3417, 0.3540

Rectangle

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



65.6071, 0.2974, 0.3432



65.6071, 0.2814, 0.3180



65.6071, 0.3278, 0.3153



65.6071, 0.3450, 0.3386

Sweetspot

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



65.6098, 0.2974, 0.3432



97.3664, 0.3075, 0.3335



66.2296, 0.3196, 0.3680



20.7640, 0.3068, 0.3342



0.0000, 0.0000, 0.0000



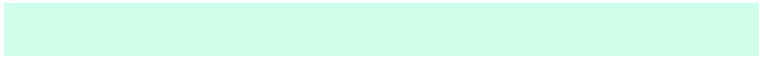
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6098, 0.2974, 0.3432



91.2810, 0.2943, 0.3464



63.9562, 0.2898, 0.3238



14.7450, 0.3030, 0.3376



31.1739, 0.2589, 0.4521



2.0359, 0.2527, 0.4296

Inverse Universe

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



54.2733, 0.3309, 0.3152



72.3896, 0.3354, 0.3123



55.6222, 0.3400, 0.3342



13.1294, 0.3235, 0.3205



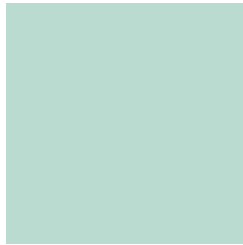
9.2895, 0.5512, 0.2810



0.6180, 0.5063, 0.2563

Previews

White Background



This preview shows how the Yxy color 65.6071, 0.2974, 0.3432 looks on a white background.

Color Contrast Check

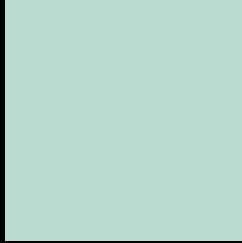
Large Text (above 18pt) WCAG AA × Fail

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 65.6071, 0.2974, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

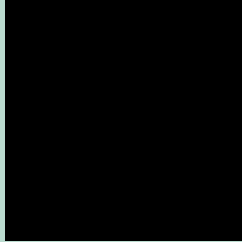
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

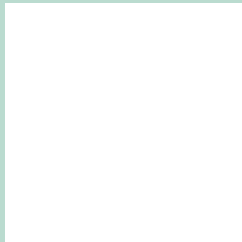
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6071, 0.2974, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 65.6071, 0.2974, 0.3432.

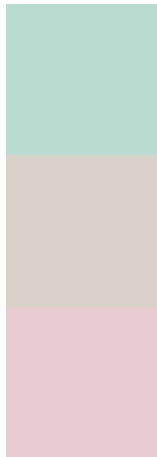


This preview shows how white text looks on a background with the Yxy color 65.6071, 0.2974, 0.3432.

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

65.6071, 0.2974, 0.3432

Protanopia

65.1092, 0.3236, 0.3381

Deuteranopia

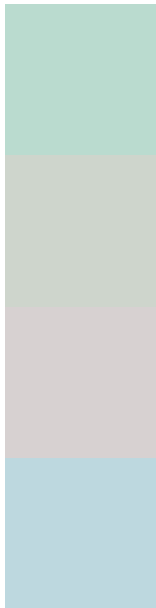
64.9947, 0.3300, 0.3225



Tritanopia

65.5034, 0.2851, 0.3095

Trichromacy



Original Color

65.6071, 0.2974, 0.3432

Protanomaly

65.0699, 0.3137, 0.3394

Deuteranomaly

64.6515, 0.3172, 0.3290

Tritanomaly

65.2583, 0.2894, 0.3208

Monochromacy



Original Color

65.6071, 0.2974, 0.3432

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9204, 0.3066, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6071, 0.2974, 0.3432 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(186, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(186, 219, 207)  
}
```

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(186, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 219, 207) }
```

Border

The CSS property to change the border of an element to Yxy 65.6071, 0.2974, 0.3432 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(186, 219, 207) }
```

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

```
.border{ border-color:rgb(186, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(186, 219,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6071, 0.2974, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 219, 207) }
```

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

```
.background{ background-color: rgb(186,  
219, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor