

Converting Colors

$Yxy(65.2579, 0.2927, 0.3412)$

Have a look what the booklet for
Yxy(65.2579, 0.2927, 0.3412)
contains.

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Color

Yxy(65.0902, 0.2928, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	B5DBD1
RGB	181, 219, 209
RGB Percent	71%, 86%, 82%
CMY	0.2900, 0.1412, 0.1804
CMYK	0.17, 0.00, 0.05, 0.14
HSL	164°, 35%, 78%
HSV	164°, 17%, 86%
XYZ	55.9062, 65.0902, 69.9400
YIQ	206.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

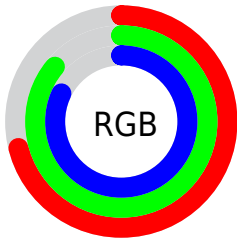
Format	Color
RYB	181, 203, 219
Decimal	11918289
CIELab	84.53, -14.39, 0.76
CIELCh	85, 14.408, 176.963
Yxy	65.0902, 0.2928, 0.3409
Android (android.graphics.Color)	4290108369 (0xFFB5DBD1)
YUV	206.4980, 1.2335, -22.3617
Hunter-Lab	80.6785, -17.4958, 5.0766

Details

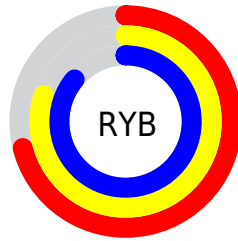
The Yxy color **65.0902, 0.2928, 0.3409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.8937, 0.3374, 0.3174**, and the grayscale version is **62.0664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **33.5067, 0.2879, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **62.3688, 0.2822, 0.3487**, and if you desaturate by 10%, it is **68.2435, 0.3041, 0.3338**.

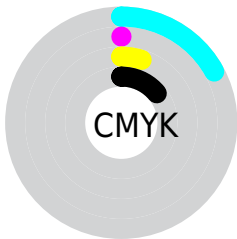
Distribution



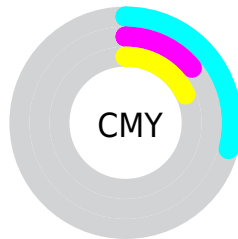
- Red (71%)
- Green (86%)
- Blue (82%)



- Red (71%)
- Yellow (80%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)




- Cyan (29%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0902, 0.2928, 0.3409 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 65.0902, 0.2928, 0.3409 by changing the saturation by 10% instead.


 65.0902, 0.2928,
0.3409

 65.0902, 0.2928,
0.3409

443.1160, 0.3022,
0.3353

 47.5342, 0.2906,
0.3422


 112.1795, 0.2961,
0.3389

 33.4582, 0.2879,
0.3439


142.4817, 0.2974,
0.3382

 22.4777, 0.2843,
0.3460


177.8013, 0.2985,
0.3375

 14.2083, 0.2797,
0.3488


218.5229, 0.2994,
0.3369

 8.2657, 0.2731,
0.3528

265.0307, 0.3002,
0.3364

 4.2654, 0.2634,
0.3587

317.7093, 0.3010,

 1.8231, 0.2475,

0.3360

0.3685

376.9429, 0.3016,
0.3356

0.5015, 0.1120,
0.4479

0.0000, 0.0000,
0.0000

65.0902, 0.2928,
0.3409

65.0902, 0.2928,
0.3409

62.3688, 0.2822,
0.3487

68.2435, 0.3041,
0.3338

60.0517, 0.2725,
0.3571


71.8387, 0.3159,
0.3273

58.1206, 0.2641,
0.3661


75.8958, 0.3278,
0.3216


56.5524, 0.2573,
0.3755

77.7485, 0.3298,
0.3160


 55.3218, 0.2523,
0.3853


 78.0818, 0.3259,
0.3104


 54.4000, 0.2492,
0.3952


 78.4258, 0.3219,
0.3048

 53.7532, 0.2482,
0.4051

 78.7809, 0.3181,
0.2993

 53.3362, 0.2490,
0.4149

 79.1385, 0.3144,
0.2940

 53.2434, 0.2493,
0.4176

Harmonies

Analogous

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



65.0902, 0.3096, 0.3545



65.0902, 0.2928, 0.3409



65.0902, 0.2815, 0.3241

Triad

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



65.0902, 0.2928, 0.3409



65.0902, 0.2973, 0.2991



65.0902, 0.3483, 0.3472

Complementary

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



65.0902, 0.2928, 0.3409



51.8937, 0.3374, 0.3174

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.



65.0902, 0.3449, 0.3325



65.0902, 0.2928, 0.3409



65.0902, 0.3151, 0.3053

Square

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



65.0902, 0.2928, 0.3409



65.0902, 0.2840, 0.3004



65.0902, 0.3326, 0.3173



65.0902, 0.3419, 0.3578

Rectangle

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



65.0902, 0.2928, 0.3409



65.0902, 0.2784, 0.3138



65.0902, 0.3326, 0.3173



65.0902, 0.3483, 0.3426

Sweetspot

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



65.0929, 0.2928, 0.3409



97.4472, 0.3068, 0.3323



65.0960, 0.3178, 0.3748



20.7837, 0.3060, 0.3327



0.0000, 0.0000, 0.0000



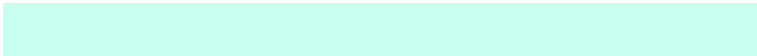
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0929, 0.2928, 0.3409



90.3449, 0.2886, 0.3438



61.1073, 0.2862, 0.3183



14.7680, 0.3017, 0.3352



31.5926, 0.2489, 0.4161



2.0606, 0.2445, 0.4001

Inverse Universe

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



51.8937, 0.3374, 0.3174



68.1780, 0.3442, 0.3147



55.1849, 0.3441, 0.3394



13.1075, 0.3250, 0.3229



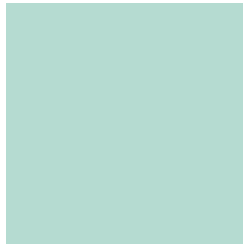
9.1245, 0.5876, 0.3011



0.6053, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 65.0902, 0.2928, 0.3409 looks on a white background.

Color Contrast Check

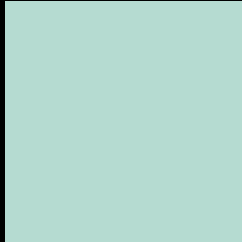
Large Text (above 18pt) WCAG AA × Fail

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 65.0902, 0.2928, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

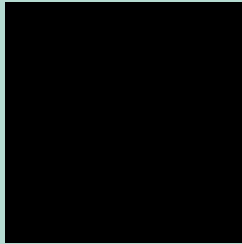
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

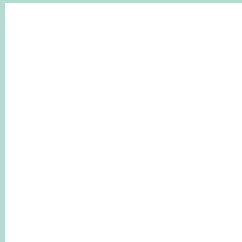
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0902, 0.2928, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 65.0902, 0.2928, 0.3409.

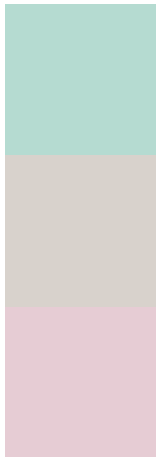


This preview shows how white text looks on a background with the Yxy color 65.0902, 0.2928, 0.3409.

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

65.0902, 0.2928, 0.3409

Protanopia

65.0517, 0.3214, 0.3358

Deuteranopia

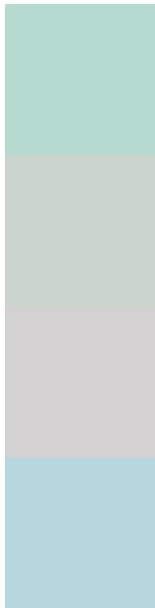
64.7622, 0.3270, 0.3203



Tritanopia

64.7984, 0.2806, 0.3081

Trichromacy



Original Color

65.0902, 0.2928, 0.3409

Protanomaly

64.7412, 0.3101, 0.3371

Deuteranomaly

64.3011, 0.3136, 0.3267

Tritanomaly

64.6839, 0.2854, 0.3195

Monochromacy



Original Color

65.0902, 0.2928, 0.3409

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1484, 0.3052, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0902, 0.2928, 0.3409 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(181, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(181, 219, 209)  
}
```

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(181, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 219, 209) }
```

Border

The CSS property to change the border of an element to Yxy 65.0902, 0.2928, 0.3409 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(181, 219, 209) }
```

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

```
.border{ border-color:rgb(181, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(181, 219,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0902, 0.2928, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 219, 209) }
```

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

```
.background{ background-color: rgb(181,  
219, 209) }
```

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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