

Converting Colors

Yxy(64.9785, 0.2982, 0.3462)

Have a look what the booklet for
Yxy(64.9785, 0.2982, 0.3462)
contains.

Yxy(64.6928, 0.2979, 0.3458)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.6928, 0.2979, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	B8DACC
RGB	184, 218, 204
RGB Percent	72%, 85%, 80%
CMY	0.2785, 0.1451, 0.2001
CMYK	0.16, 0.00, 0.06, 0.15
HSL	155°, 32%, 79%
HSV	155°, 16%, 85%
XYZ	55.7316, 64.6928, 66.6572
YIQ	206.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

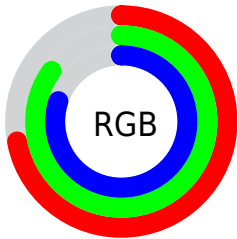
Format	Color
RYB	184, 205, 218
Decimal	12114636
CIELab	84.33, -13.94, 3.15
CIELCh	84, 14.293, 167.255
Yxy	64.6928, 0.2979, 0.3458
Android (android.graphics.Color)	4290304716 (0xFFB8DACC)
YUV	206.2380, -1.1033, -19.5027
Hunter-Lab	80.4318, -17.0722, 7.1662

Details

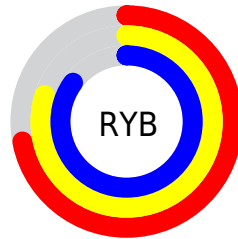
The Yxy color **64.6928, 0.2979, 0.3458** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.2600, 0.3304, 0.3128**, and the grayscale version is **61.8951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **33.2217, 0.2944, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **61.7885, 0.2889, 0.3581**, and if you desaturate by 10%, it is **68.0424, 0.3073, 0.3347**.

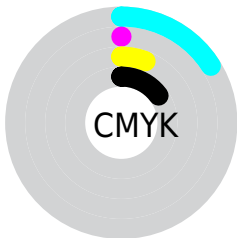
Distribution



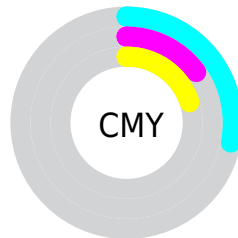
- Red (72%)
- Green (85%)
- Blue (80%)



- Red (72%)
- Yellow (80%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (28%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6928, 0.2979, 0.3458 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 64.6928, 0.2979, 0.3458 by changing the saturation by 10% instead.


 64.6928, 0.2979,
0.3458

 64.6928, 0.2979,
0.3458


441.6872, 0.3050,
0.3378

 47.2120, 0.2962,
0.3477


 111.6081, 0.3004,
0.3430

 33.2033, 0.2942,
0.3501


141.8114, 0.3013,
0.3419

 22.2822, 0.2915,
0.3532


177.0243, 0.3022,
0.3409

 14.0644, 0.2879,
0.3573

217.6313, 0.3029,
0.3401

 8.1655, 0.2829,
0.3632

264.0166, 0.3035,
0.3394

 4.2010, 0.2753,
0.3722


316.5648, 0.3040,

 1.7866, 0.2625,


0.3388


0.3874


375.6602, 0.3045,
0.3383


 0.4788, 0.1283,
0.5353


 0.0000, 0.0000,
0.0000


 64.6928, 0.2979,
0.3458


 64.6928, 0.2979,
0.3458


 61.7885, 0.2889,
0.3581


 68.0424, 0.3073,
0.3347


 59.3019, 0.2807,
0.3715


 71.8472, 0.3170,
0.3248

 57.2149, 0.2736,
0.3859


 76.1271, 0.3266,
0.3160


 55.5049, 0.2678,
0.4012


 77.6974, 0.3245,
0.3073


 54.1468, 0.2637,
0.4171


 78.2453, 0.3184,
0.2987

 53.1125, 0.2615,
0.4333

 78.6289, 0.3144,
0.2930

 52.3692, 0.2614,
0.4494

 51.8768, 0.2632,
0.4651

 51.7088, 0.2644,
0.4719

Harmonies

Analogous

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



64.6928, 0.3155, 0.3573



64.6928, 0.2979, 0.3458



64.6928, 0.2845, 0.3296

Triad

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



64.6928, 0.2979, 0.3458



64.6928, 0.2925, 0.2988



64.6928, 0.3481, 0.3427

Complementary

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



64.6928, 0.2979, 0.3458



53.2600, 0.3304, 0.3128

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.



64.6928, 0.3416, 0.3274



64.6928, 0.2979, 0.3458



64.6928, 0.3091, 0.3027

Square

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



64.6928, 0.2979, 0.3458



64.6928, 0.2815, 0.3027



64.6928, 0.3272, 0.3130



64.6928, 0.3448, 0.3549

Rectangle

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



64.6928, 0.2979, 0.3458



64.6928, 0.2796, 0.3187



64.6928, 0.3272, 0.3130



64.6928, 0.3470, 0.3377

Sweetspot

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



64.6955, 0.2979, 0.3458



97.3273, 0.3079, 0.3341



65.6367, 0.3211, 0.3694



20.7545, 0.3072, 0.3349



0.0000, 0.0000, 0.0000



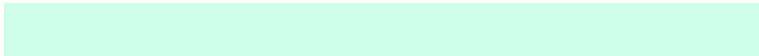
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6955, 0.2979, 0.3458



90.7193, 0.2946, 0.3500



63.9416, 0.2890, 0.3256



14.7339, 0.3037, 0.3388



30.9971, 0.2638, 0.4696



2.0251, 0.2567, 0.4442

Inverse Universe

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



53.2600, 0.3304, 0.3128



71.1887, 0.3352, 0.3089



53.8315, 0.3415, 0.3324



13.1402, 0.3227, 0.3194



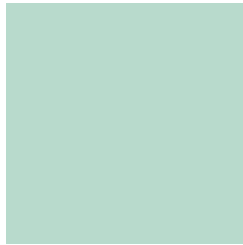
9.3919, 0.5315, 0.2702



0.6253, 0.4892, 0.2468

Previews

White Background



This preview shows how the Yxy color 64.6928, 0.2979, 0.3458 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 64.6928, 0.2979, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

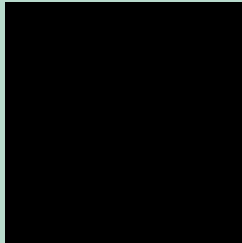
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

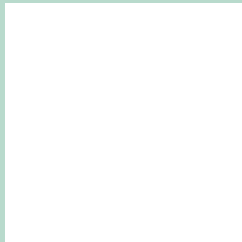
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6928, 0.2979, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 64.6928, 0.2979, 0.3458.

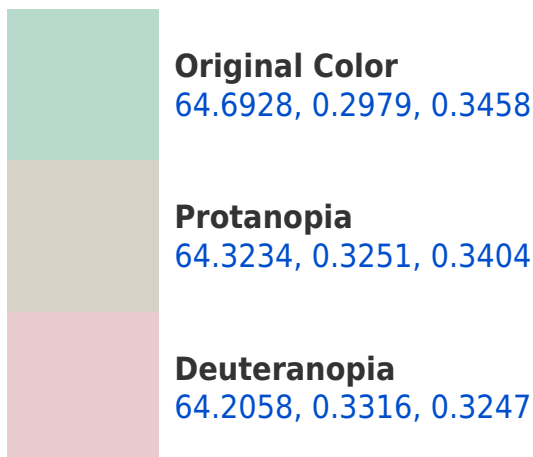


This preview shows how white text looks on a background with the Yxy color 64.6928, 0.2979, 0.3458.

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

64.6815, 0.2844, 0.3093

Trichromacy



Original Color

64.6928, 0.2979, 0.3458

Protanomaly

64.1414, 0.3143, 0.3418

Deuteranomaly

63.8641, 0.3187, 0.3313

Tritanomaly

64.3861, 0.2892, 0.3219

Monochromacy



Original Color

64.6928, 0.2979, 0.3458

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5067, 0.3073, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6928, 0.2979, 0.3458 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(184, 218, 204)` looks like.

```
.text, #text, p{  
    color:rgb(184, 218, 204)  
}
```

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(184, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 218, 204) }
```

Border

The CSS property to change the border of an element to Yxy 64.6928, 0.2979, 0.3458 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(184, 218, 204) }
```

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

```
.border{ border-color:rgb(184, 218, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 218, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(184, 218,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6928, 0.2979, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 218, 204) }
```

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

```
.background{ background-color: rgb(184,  
218, 204) }
```

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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