

Converting Colors

$Yxy(64.3738, 0.2928, 0.3350)$

Have a look what the booklet for
Yxy(64.3738, 0.2928, 0.3350)
contains.

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Color

Yxy(64.5695, 0.2928, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	B8D9D4
RGB	184, 217, 212
RGB Percent	72%, 85%, 83%
CMY	0.2787, 0.1489, 0.1686
CMYK	0.15, 0.00, 0.02, 0.15
HSL	171°, 30%, 79%
HSV	171°, 15%, 85%
XYZ	56.4525, 64.5695, 71.7803
YIQ	206.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

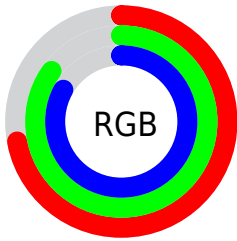
Format	Color
RYB	184, 202, 217
Decimal	12114388
CIELab	84.26, -11.87, -1.20
CIElCh	84, 11.929, 185.776
Yxy	64.5695, 0.2928, 0.3349
Android (android.graphics.Color)	4290304468 (0xFFB8D9D4)
YUV	206.5630, 2.6804, -19.7878
Hunter-Lab	80.3551, -15.2185, 3.2855

Details

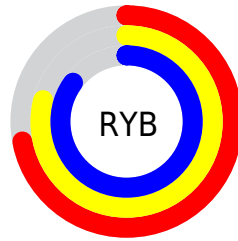
The Yxy color **64.5695, 0.2928, 0.3349** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6804, 0.3370, 0.3232**, and the grayscale version is **62.0870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **33.1003, 0.2887, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **61.9315, 0.2807, 0.3392**, and if you desaturate by 10%, it is **67.6274, 0.3057, 0.3309**.

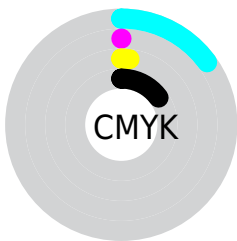
Distribution



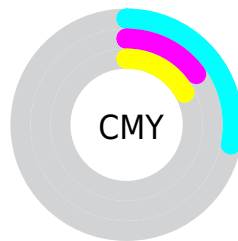
- Red (72%)
- Green (85%)
- Blue (83%)



- Red (72%)
- Yellow (79%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)





- Cyan (28%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5695, 0.2928, 0.3349 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 64.5695, 0.2928, 0.3349 by changing the saturation by 10% instead.

 64.5695, 0.2928,
0.3349

 64.5695, 0.2928,
0.3349


441.2433, 0.3022,
0.3322

 47.1121, 0.2906,
0.3355


 111.4307, 0.2961,
0.3339

 33.1243, 0.2879,
0.3363


141.6033, 0.2974,
0.3336

 22.2217, 0.2844,
0.3373


176.7830, 0.2985,
0.3333

 14.0199, 0.2797,
0.3386

217.3544, 0.2994,
0.3330

 8.1345, 0.2733,
0.3404

263.7017, 0.3002,
0.3327

 4.1811, 0.2637,
0.3431

316.2093, 0.3010,

 1.7754, 0.2479,

0.3325

0.3473

375.2618, 0.3016,
0.3323

0.4718, 0.1292,
0.3842

0.0000, 0.0000,
0.0000

64.5695, 0.2928,
0.3349

64.5695, 0.2928,
0.3349

61.9315, 0.2807,
0.3392

67.6274, 0.3057,
0.3309

59.6865, 0.2696,
0.3439


71.1145, 0.3191,
0.3273


57.8171, 0.2599,
0.3488

75.0501, 0.3328,
0.3241


56.3015, 0.2518,
0.3540

76.3407, 0.3349,
0.3209

 55.1152, 0.2455,
0.3593


 76.5220, 0.3326,
0.3176

 54.2312, 0.2412,
0.3647


 76.7068, 0.3303,
0.3144


 53.6176, 0.2388,
0.3701

 76.8950, 0.3280,
0.3112

 53.2357, 0.2382,
0.3754

 77.0868, 0.3257,
0.3079

 53.1031, 0.2383,
0.3779

 77.2821, 0.3235,
0.3048

Harmonies

Analogous

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



64.5695, 0.3058, 0.3473



64.5695, 0.2928, 0.3349



64.5695, 0.2852, 0.3211

Triad

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



64.5695, 0.2928, 0.3349



64.5695, 0.3041, 0.3049



64.5695, 0.3415, 0.3473

Complementary

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



64.5695, 0.2928, 0.3349



52.6804, 0.3370, 0.3232

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.



64.5695, 0.3411, 0.3358



64.5695, 0.2928, 0.3349



64.5695, 0.3192, 0.3117

Square

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



64.5695, 0.2928, 0.3349



64.5695, 0.2916, 0.3042



64.5695, 0.3329, 0.3229



64.5695, 0.3340, 0.3543

Rectangle

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



64.5695, 0.2928, 0.3349



64.5695, 0.2840, 0.3132



64.5695, 0.3329, 0.3229



64.5695, 0.3423, 0.3438

Sweetspot

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



64.5722, 0.2928, 0.3349



97.5378, 0.3060, 0.3309



63.9702, 0.3148, 0.3691



20.8058, 0.3050, 0.3311



0.0000, 0.0000, 0.0000



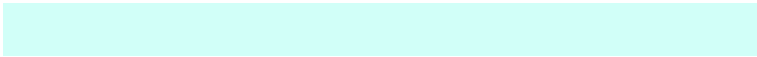
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5722, 0.2928, 0.3349



91.8702, 0.2892, 0.3361



59.3316, 0.2892, 0.3157



14.7939, 0.3002, 0.3326



32.1518, 0.2381, 0.3772



2.0923, 0.2357, 0.3684

Inverse Universe

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



52.6804, 0.3370, 0.3232



71.8705, 0.3426, 0.3220



57.2264, 0.3392, 0.3419



13.0835, 0.3268, 0.3255



9.0057, 0.6182, 0.3179



0.5938, 0.5781, 0.2958

Previews

White Background



This preview shows how the Yxy color 64.5695, 0.2928, 0.3349 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 64.5695, 0.2928, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

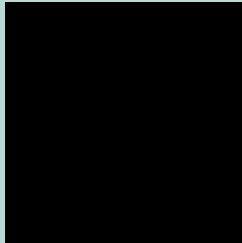
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

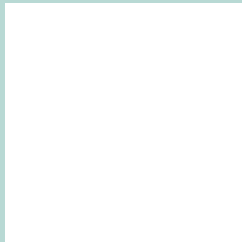
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5695, 0.2928, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 64.5695, 0.2928, 0.3349.

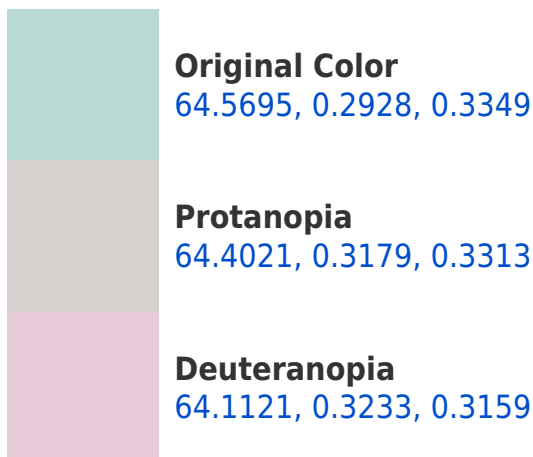


This preview shows how white text looks on a background with the Yxy color 64.5695, 0.2928, 0.3349.

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

64.4275, 0.2830, 0.3093

Trichromacy



Original Color

64.5695, 0.2928, 0.3349

Protanomaly

64.3869, 0.3082, 0.3325

Deuteranomaly

63.9638, 0.3115, 0.3222

Tritanomaly

64.4218, 0.2867, 0.3184

Monochromacy



Original Color

64.5695, 0.2928, 0.3349

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3341, 0.3053, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5695, 0.2928, 0.3349 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, 217, 212)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 212)  
}
```

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, 217, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 212) }
```

Border

The CSS property to change the border of an element to Yxy 64.5695, 0.2928, 0.3349 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, 217, 212) }
```

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

```
.border{ border-color:rgb(184, 217, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 212);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5695, 0.2928, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 212) }
```

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

```
.background{ background-color: rgb(184,  
217, 212) }
```

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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