

Converting Colors

$Yxy(63.7663, 0.2924, 0.3294)$

Have a look what the booklet for
Yxy(63.7663, 0.2924, 0.3294)
contains.

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Color

Yxy(63.8950, 0.2929, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	BAD7D6
RGB	186, 215, 214
RGB Percent	73%, 84%, 84%
CMY	0.2705, 0.1569, 0.1607
CMYK	0.13, 0.00, 0.00, 0.16
HSL	178°, 27%, 79%
HSV	178°, 13%, 84%
XYZ	56.6945, 63.8950, 72.9731
YIQ	206.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

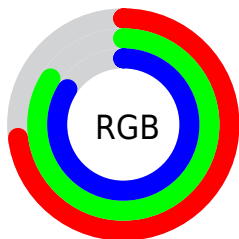
Format	Color
R _Y B	186, 201, 215
Decimal	12244950
CIE Lab	83.91, -9.76, -2.76
CIE LCh	84, 10.143, 195.811
Yxy	63.8950, 0.2929, 0.3301
Android (android.graphics.Color)	4290435030 (0xFFBAD7D6)
YUV	206.2150, 3.8380, -17.7286
Hunter-Lab	79.9343, -13.2817, 1.8274

Details

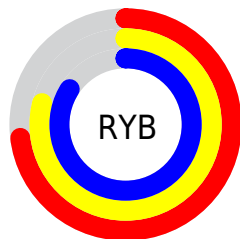
The Yxy color **63.8950, 0.2929, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1656, 0.3365, 0.3279**, and the grayscale version is **61.8545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **32.6314, 0.2887, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **61.3668, 0.2792, 0.3310**, and if you desaturate by 10%, it is **66.8339, 0.3075, 0.3293**.

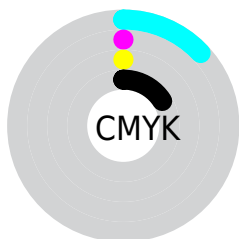
Distribution



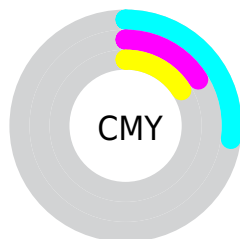
- Red (73%)
- Green (84%)
- Blue (84%)



- Red (73%)
- Yellow (79%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)




- Cyan (27%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8950, 0.2929, 0.3301 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 63.8950, 0.2929, 0.3301 by changing the saturation by 10% instead.


 63.8950, 0.2929,
0.3301

 63.8950, 0.2929,
0.3301

438.8104, 0.3023,
0.3297

 46.5656, 0.2907,
0.3302

 110.4597, 0.2962,
0.3300

 32.6924, 0.2880,
0.3303


140.4638, 0.2974,
0.3299

 21.8909, 0.2845,
0.3304


175.4617, 0.2985,
0.3298

 13.7768, 0.2799,
0.3305

215.8376, 0.2995,
0.3298

 7.9656, 0.2734,
0.3307

261.9761, 0.3003,
0.3298

 4.0729, 0.2639,
0.3308

314.2614, 0.3010,

 1.7144, 0.2482,

0.3297

0.3307

373.0781, 0.3017,
0.3297

0.4330, 0.1364,
0.3407

0.0000, 0.0000,
0.0000

63.8950, 0.2929,
0.3301

63.8950, 0.2929,
0.3301

61.3668, 0.2792,
0.3310

66.8339, 0.3075,
0.3293

59.2232, 0.2668,
0.3320

70.1923, 0.3227,
0.3285

57.4474, 0.2558,
0.3330

73.9889, 0.3382,
0.3278

56.0185, 0.2465,
0.3341

74.8647, 0.3411,
0.3271

■ 54.9133, 0.2391,
0.3352

■ 74.9026, 0.3405,
0.3264

■ 54.1055, 0.2336,
0.3363

■ 74.9406, 0.3400,
0.3257

■ 53.5653, 0.2300,
0.3374

■ 74.9789, 0.3395,
0.3249

■ 53.2563, 0.2281,
0.3385

■ 75.0173, 0.3390,
0.3242

■ 53.1393, 0.2276,
0.3392

■ 75.0559, 0.3384,
0.3235

Harmonies

Analogous

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



63.8950, 0.3028, 0.3414



63.8950, 0.2929, 0.3301



63.8950, 0.2883, 0.3188

Triad

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



63.8950, 0.2929, 0.3301



63.8950, 0.3096, 0.3098



63.8950, 0.3358, 0.3472

Complementary

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



63.8950, 0.2929, 0.3301



53.1656, 0.3365, 0.3279

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.



63.8950, 0.3378, 0.3384



63.8950, 0.2929, 0.3301



63.8950, 0.3225, 0.3171

Square

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



63.8950, 0.2929, 0.3301



63.8950, 0.2978, 0.3074



63.8950, 0.3329, 0.3275



63.8950, 0.3275, 0.3513

Rectangle

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



63.8950, 0.2929, 0.3301



63.8950, 0.2888, 0.3128



63.8950, 0.3329, 0.3275



63.8950, 0.3372, 0.3447

Sweetspot

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



63.8977, 0.2929, 0.3301



98.0943, 0.3066, 0.3293



62.7706, 0.3121, 0.3643



20.9219, 0.3055, 0.3294



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.



63.8977, 0.2929, 0.3301



92.9777, 0.2891, 0.3303



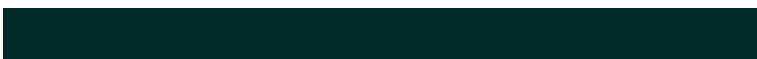
57.5722, 0.2918, 0.3133



14.1003, 0.2987, 0.3298



31.7884, 0.2275, 0.3390



1.9197, 0.2270, 0.3371

Inverse Universe

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



53.1656, 0.3365, 0.3279



74.3906, 0.3422, 0.3277



58.8698, 0.3352, 0.3442



12.4275, 0.3286, 0.3283



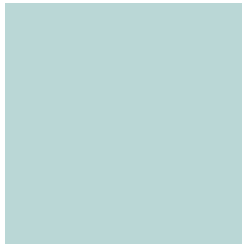
8.6538, 0.6362, 0.3278



0.5244, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 63.8950, 0.2929, 0.3301 looks on a white background.

Color Contrast Check

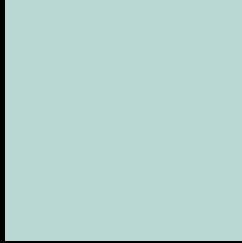
Large Text (above 18pt) WCAG AA × Fail

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 63.8950, 0.2929, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

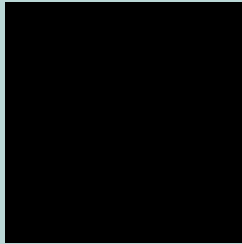
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

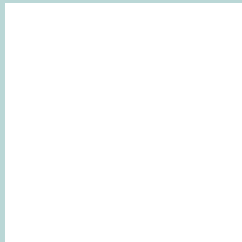
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8950, 0.2929, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 63.8950, 0.2929, 0.3301.

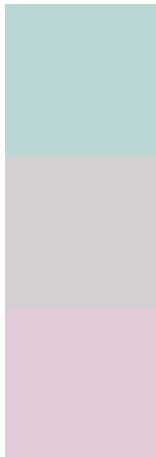


This preview shows how white text looks on a background with the Yxy color 63.8950, 0.2929, 0.3301.

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

63.8950, 0.2929, 0.3301

Protanopia

63.7619, 0.3143, 0.3267

Deuteranopia

63.8904, 0.3203, 0.3137



Tritanopia

64.1205, 0.2849, 0.3093

Trichromacy



Original Color

63.8950, 0.2929, 0.3301

Protanomaly

63.9882, 0.3068, 0.3290

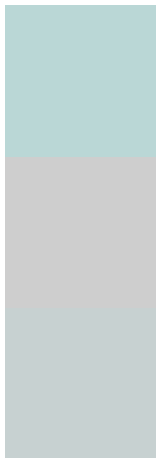
Deuteranomaly

63.4324, 0.3095, 0.3188

Tritanomaly

64.1663, 0.2880, 0.3173

Monochromacy



Original Color

63.8950, 0.2929, 0.3301

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.3465, 0.3053, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8950, 0.2929, 0.3301 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, 215, 214)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 214)  
}
```

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, 215, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 214) }
```

Border

The CSS property to change the border of an element to Yxy 63.8950, 0.2929, 0.3301 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, 215, 214) }
```

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

```
.border{ border-color:rgb(186, 215, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8950, 0.2929, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 214) }
```

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

```
.background{ background-color: rgb(186,  
215, 214) }
```

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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