

Converting Colors

$Yxy(63.1106, 0.2982, 0.3399)$

Have a look what the booklet for
Yxy(63.1106, 0.2982, 0.3399)
contains.

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Color

Yxy(62.9400, 0.2986, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	BAD6CD
RGB	186, 214, 205
RGB Percent	73%, 84%, 80%
CMY	0.2707, 0.1607, 0.1962
CMYK	0.13, 0.00, 0.04, 0.16
HSL	161°, 25%, 78%
HSV	161°, 13%, 84%
XYZ	55.3087, 62.9400, 66.9779
YIQ	204.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

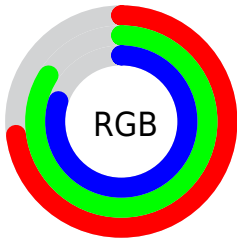
Format	Color
RYB	186, 203, 214
Decimal	12244685
CIELab	83.41, -11.06, 1.30
CIELCh	83, 11.137, 173.273
Yxy	62.9400, 0.2986, 0.3398
Android (android.graphics.Color)	4290434765 (0xFFBAD6CD)
YUV	204.6020, 0.1962, -16.3140
Hunter-Lab	79.3347, -14.3935, 5.4790

Details

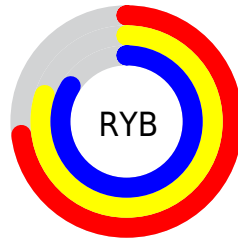
The Yxy color **62.9400, 0.2986, 0.3398** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3454, 0.3292, 0.3185**, and the grayscale version is **60.7877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **32.0172, 0.2952, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **60.1347, 0.2884, 0.3490**, and if you desaturate by 10%, it is **66.1666, 0.3093, 0.3314**.

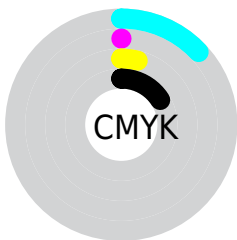
Distribution



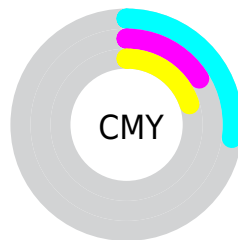
- Red (73%)
- Green (84%)
- Blue (80%)



- Red (73%)
- Yellow (80%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)




- Cyan (27%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9400, 0.2986, 0.3398 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 62.9400, 0.2986, 0.3398 by changing the saturation by 10% instead.


 62.9400, 0.2986,
0.3398

 62.9400, 0.2986,
0.3398

435.3517, 0.3053,
0.3347

 45.7927, 0.2970,
0.3410


 109.0829, 0.3010,
0.3380

 32.0822, 0.2950,
0.3426


138.8474, 0.3019,
0.3373

 21.4243, 0.2925,
0.3445


173.5862, 0.3027,
0.3367

 13.4345, 0.2891,
0.3472

213.6840, 0.3033,
0.3362

 7.7284, 0.2842,
0.3509

259.5250, 0.3039,
0.3357

 3.9217, 0.2770,
0.3566

311.4937, 0.3044,

 1.6298, 0.2648,

0.3353

0.3663

369.9745, 0.3049,
0.3350

0.3776, 0.1130,
0.4801

0.0000, 0.0000,
0.0000

62.9400, 0.2986,
0.3398

62.9400, 0.2986,
0.3398

60.1347, 0.2884,
0.3490

66.1666, 0.3093,
0.3314

57.7249, 0.2789,
0.3591


69.8236, 0.3203,
0.3239


55.6939, 0.2705,
0.3700

73.9294, 0.3313,
0.3172


54.0208, 0.2636,
0.3815

75.2179, 0.3300,
0.3105


 52.6824, 0.2582,
0.3935


 75.6187, 0.3252,
0.3038

 51.6530, 0.2548,
0.4058

 76.0351, 0.3204,
0.2972

 50.9028, 0.2534,
0.4182

 76.4672, 0.3158,
0.2907

 50.3959, 0.2540,
0.4305

 76.5800, 0.3146,
0.2891

 50.1465, 0.2552,
0.4388

Harmonies

Analogous

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



62.9400, 0.3121, 0.3498



62.9400, 0.2986, 0.3398



62.9400, 0.2890, 0.3269

Triad

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



62.9400, 0.2986, 0.3398



62.9400, 0.2992, 0.3053



62.9400, 0.3406, 0.3421

Complementary

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



62.9400, 0.2986, 0.3398



53.3454, 0.3292, 0.3185

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.



62.9400, 0.3370, 0.3303



62.9400, 0.2986, 0.3398



62.9400, 0.3129, 0.3094

Square

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



62.9400, 0.2986, 0.3398



62.9400, 0.2893, 0.3072



62.9400, 0.3268, 0.3185



62.9400, 0.3365, 0.3508

Rectangle

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



62.9400, 0.2986, 0.3398



62.9400, 0.2860, 0.3186



62.9400, 0.3268, 0.3185



62.9400, 0.3402, 0.3384

Sweetspot

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



62.9426, 0.2986, 0.3398



97.9067, 0.3083, 0.3322



63.2889, 0.3180, 0.3626



20.8743, 0.3075, 0.3328



0.0000, 0.0000, 0.0000



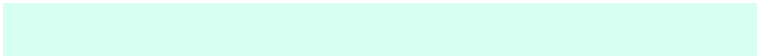
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9426, 0.2986, 0.3398



92.2484, 0.2954, 0.3425



61.0596, 0.2927, 0.3234



14.0366, 0.3025, 0.3366



30.3258, 0.2547, 0.4370



1.8439, 0.2489, 0.4160

Inverse Universe

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



53.3454, 0.3292, 0.3185



75.0195, 0.3337, 0.3159



54.9501, 0.3358, 0.3346



12.4861, 0.3241, 0.3215



8.9173, 0.5668, 0.2896



0.5528, 0.5175, 0.2625

Previews

White Background



This preview shows how the Yxy color 62.9400, 0.2986, 0.3398 looks on a white background.

Color Contrast Check

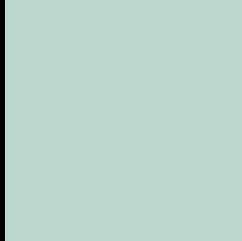
Large Text (above 18pt) WCAG AA × Fail

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 62.9400, 0.2986, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

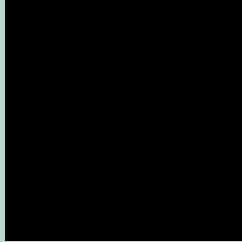
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

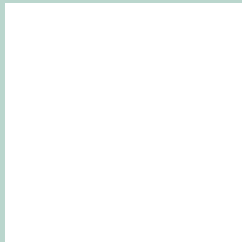
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9400, 0.2986, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 62.9400, 0.2986, 0.3398.

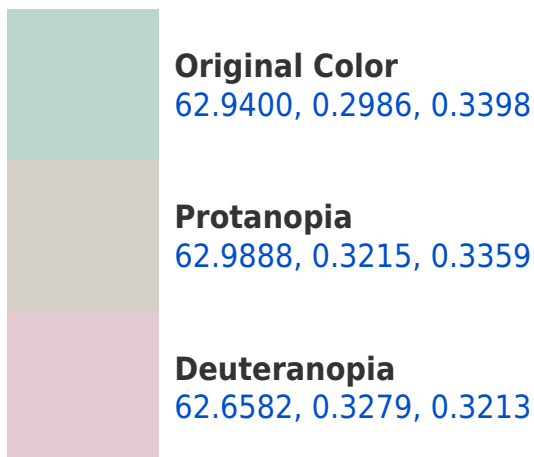


This preview shows how white text looks on a background with the Yxy color 62.9400, 0.2986, 0.3398.

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

63.0817, 0.2873, 0.3104

Trichromacy



Original Color

62.9400, 0.2986, 0.3398

Protanomaly

63.0540, 0.3130, 0.3383

Deuteranomaly

62.6447, 0.3166, 0.3279

Tritanomaly

63.0203, 0.2917, 0.3207

Monochromacy



Original Color

62.9400, 0.2986, 0.3398

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5253, 0.3073, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9400, 0.2986, 0.3398 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, 214, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 214, 205)  
}
```

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, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 214, 205) }
```

Border

The CSS property to change the border of an element to Yxy 62.9400, 0.2986, 0.3398 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, 214, 205) }
```

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

```
.border{ border-color:rgb(186, 214, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 214, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 214,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9400, 0.2986, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 214, 205) }
```

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

```
.background{ background-color: rgb(186,  
214, 205) }
```

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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