

Converting Colors

$Yxy(62.4195, 0.2976, 0.3384)$

Have a look what the booklet for
Yxy(62.4195, 0.2976, 0.3384)
contains.

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Color

Yxy(62.3106, 0.2979, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	B9D5CD
RGB	185, 213, 205
RGB Percent	73%, 84%, 80%
CMY	0.2745, 0.1647, 0.1961
CMYK	0.13, 0.00, 0.04, 0.16
HSL	163°, 25%, 78%
HSV	163°, 13%, 84%
XYZ	54.8208, 62.3106, 66.8928
YIQ	203.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

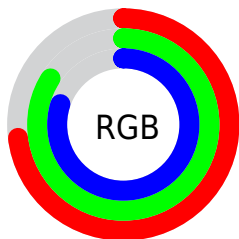
Format	Color
R_{YB}	185, 201, 213
Decimal	12178893
CIE _{Lab}	83.08, -10.86, 0.80
CIE _{LCh}	83, 10.888, 175.768
Yxy	62.3106, 0.2979, 0.3386
Android (android.graphics.Color)	4290368973 (0xFFB9D5CD)
YUV	203.7160, 0.6330, -16.4139
Hunter-Lab	78.9371, -14.1738, 5.0124

Details

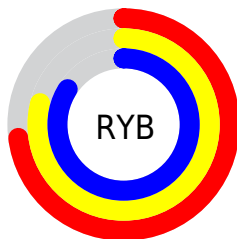
The Yxy color **62.3106, 0.2979, 0.3386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6960, 0.3301, 0.3196**, and the grayscale version is **60.1989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **31.5936, 0.2943, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **59.5710, 0.2872, 0.3468**, and if you desaturate by 10%, it is **65.4637, 0.3091, 0.3312**.

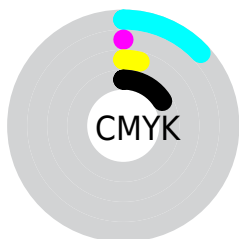
Distribution



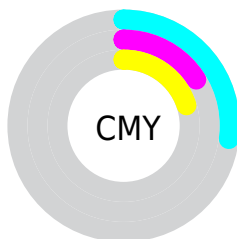
- Red (73%)
- Green (84%)
- Blue (80%)



- Red (73%)
- Yellow (79%)
- 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 62.3106, 0.2979, 0.3386 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 62.3106, 0.2979, 0.3386 by changing the saturation by 10% instead.


 62.3106, 0.2979,
0.3386

 62.3106, 0.2979,
0.3386


433.0632, 0.3050,
0.3340

 45.2837, 0.2962,
0.3397


 108.1743, 0.3004,
0.3370

 31.6810, 0.2941,
0.3410


137.7799, 0.3013,
0.3364

 21.1179, 0.2915,
0.3428


172.3472, 0.3022,
0.3358

 13.2102, 0.2879,
0.3452

212.2607, 0.3029,
0.3354

 7.5735, 0.2828,
0.3485

257.9046, 0.3035,
0.3350

 3.8233, 0.2751,
0.3535

309.6633, 0.3040,

 1.5752, 0.2623,

0.3346

367.9214, 0.3045,
0.3343

0.3621

0.3408, 0.0824,
0.4769

0.0000, 0.0000,
0.0000

62.3106, 0.2979,
0.3386

62.3106, 0.2979,
0.3386

59.5710, 0.2872,
0.3468

65.4637, 0.3091,
0.3312

57.2194, 0.2774,
0.3557

69.0392, 0.3206,
0.3245

55.2393, 0.2687,
0.3652


73.0553, 0.3322,
0.3186

53.6102, 0.2614,
0.3753


74.5285, 0.3324,
0.3127

 52.3092, 0.2557,
0.3858


 74.8754, 0.3281,
0.3067

 51.3108, 0.2520,
0.3966


 75.2345, 0.3238,
0.3008


 50.5858, 0.2503,
0.4075

 75.6057, 0.3196,
0.2950

 50.0988, 0.2506,
0.4183

 75.9892, 0.3155,
0.2893

 49.8613, 0.2516,
0.4256

 76.0711, 0.3146,
0.2881

Harmonies

Analogous

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



62.3106, 0.3109, 0.3487



62.3106, 0.2979, 0.3386



62.3106, 0.2889, 0.3259

Triad

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



62.3106, 0.2979, 0.3386



62.3106, 0.3005, 0.3058



62.3106, 0.3400, 0.3428

Complementary

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



62.3106, 0.2979, 0.3386



52.6960, 0.3301, 0.3196

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.



62.3106, 0.3371, 0.3313



62.3106, 0.2979, 0.3386



62.3106, 0.3140, 0.3104

Square

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



62.3106, 0.2979, 0.3386



62.3106, 0.2904, 0.3072



62.3106, 0.3275, 0.3196



62.3106, 0.3354, 0.3509

Rectangle

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



62.3106, 0.2979, 0.3386



62.3106, 0.2863, 0.3179



62.3106, 0.3275, 0.3196



62.3106, 0.3399, 0.3392

Sweetspot

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



62.3132, 0.2979, 0.3386



97.9301, 0.3081, 0.3318



62.4844, 0.3173, 0.3628



20.8802, 0.3072, 0.3324



0.0000, 0.0000, 0.0000



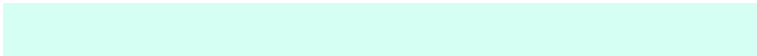
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3132, 0.2979, 0.3386



92.3375, 0.2946, 0.3410



59.9407, 0.2926, 0.3222



14.0445, 0.3020, 0.3358



30.4742, 0.2511, 0.4241



1.8520, 0.2460, 0.4055

Inverse Universe

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



52.6960, 0.3301, 0.3196



74.9381, 0.3347, 0.3173



54.7380, 0.3357, 0.3357



12.4786, 0.3247, 0.3224



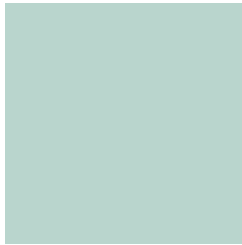
8.8616, 0.5798, 0.2967



0.5487, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 62.3106, 0.2979, 0.3386 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 62.3106, 0.2979, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

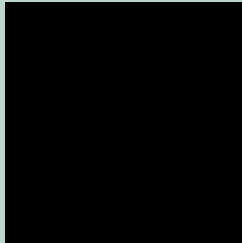
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

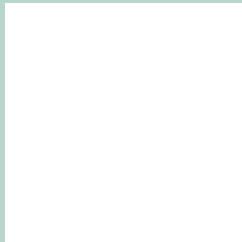
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3106, 0.2979, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 62.3106, 0.2979, 0.3386.

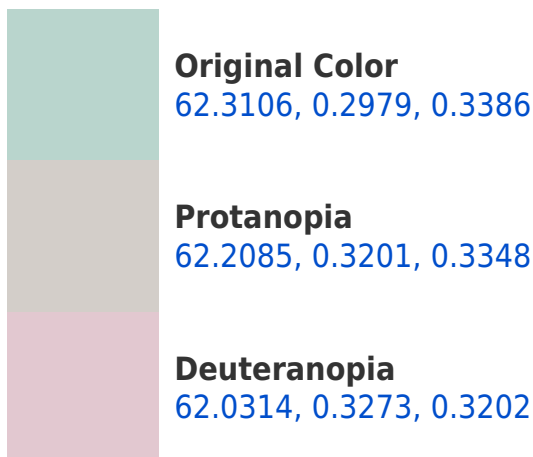


This preview shows how white text looks on a background with the Yxy color 62.3106, 0.2979, 0.3386.

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

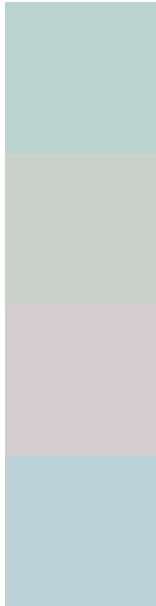




Tritanopia

62.4030, 0.2872, 0.3103

Trichromacy



Original Color

62.3106, 0.2979, 0.3386

Protanomaly

62.4218, 0.3123, 0.3372

Deuteranomaly

62.0165, 0.3159, 0.3267

Tritanomaly

62.3419, 0.2916, 0.3207

Monochromacy



Original Color

62.3106, 0.2979, 0.3386

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8556, 0.3073, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3106, 0.2979, 0.3386 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(185, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 213, 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(185, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 62.3106, 0.2979, 0.3386 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(185, 213, 205) }
```

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

```
.border{ border-color:rgb(185, 213, 205) }
```

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

Here you see how a box with a 4 pixel rgb(185, 213, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3106, 0.2979, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 213, 205) }
```

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

```
.background{ background-color: rgb(185,  
213, 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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