

Converting Colors

Yxy(68.1288, 0.3065, 0.3454)

Have a look what the booklet for
Yxy(68.1288, 0.3065, 0.3454)
contains.

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Color

Yxy(68.3112, 0.3070, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	C7DDCE
RGB	199, 221, 206
RGB Percent	78%, 87%, 81%
CMY	0.2194, 0.1334, 0.1921
CMYK	0.10, 0.00, 0.07, 0.13
HSL	139°, 24%, 82%
HSV	139°, 10%, 87%
XYZ	60.5589, 68.3112, 68.3901
YIQ	212.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

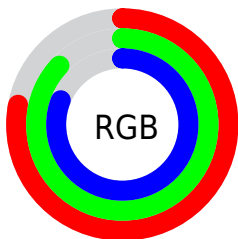
Format	Color
R_{YB}	199, 216, 221
Decimal	13098446
CIE _{Lab}	86.16, -10.11, 4.86
CIE _{LCh}	86, 11.215, 154.316
Yxy	68.3112, 0.3070, 0.3463
Android (android.graphics.Color)	4291288526 (0xFFC7DDCE)
YUV	212.7120, -3.3090, -12.0254
Hunter-Lab	82.6506, -13.8499, 8.7953

Details

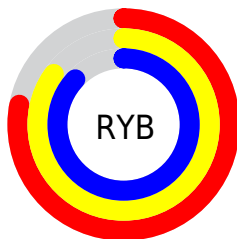
The Yxy color **68.3112, 0.3070, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0940, 0.3189, 0.3123**, and the grayscale version is **66.3699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5592, 0.3053, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **64.8081, 0.3013, 0.3659**, and if you desaturate by 10%, it is **72.3295, 0.3128, 0.3289**.

Distribution



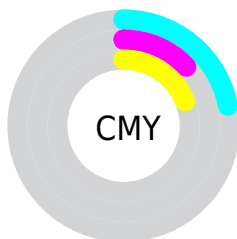
- Red (78%)
- Green (87%)
- Blue (81%)



- Red (78%)
- Yellow (85%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3112, 0.3070, 0.3463 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 68.3112, 0.3070, 0.3463 by changing the saturation by 10% instead.

■ 68.3112, 0.3070,
0.3463

■ 68.3112, 0.3070,
0.3463

454.5978, 0.3097,
0.3381

■ 50.1510, 0.3064,
0.3482

116.7972, 0.3080,
0.3434

■ 35.5334, 0.3055,
0.3506

147.8918, 0.3083,
0.3423

■ 24.0740, 0.3045,
0.3537

184.0666, 0.3087,
0.3414

■ 15.3885, 0.3031,
0.3579

225.7060, 0.3089,
0.3405

■ 9.0925, 0.3011,
0.3637

273.1945, 0.3092,
0.3398

■ 4.8016, 0.2981,
0.3724

326.9163, 0.3094,

■ 2.1313, 0.2931,

0.3392

0.3870

387.2560, 0.3096,
0.3386

0.6822, 0.2701,
0.4588

0.0000, 0.0000,
0.0000

68.3112, 0.3070,
0.3463

68.3112, 0.3070,
0.3463

64.8081, 0.3013,
0.3659

72.3295, 0.3128,
0.3289

61.7907, 0.2959,
0.3877

76.8739, 0.3184,
0.3136

59.2396, 0.2910,
0.4115

79.9516, 0.3167,
0.2995

57.1309, 0.2870,
0.4369

80.1896, 0.3143,
0.2960

■ 55.4381, 0.2841,
0.4633

■ 54.1324, 0.2827,
0.4896

■ 53.1806, 0.2830,
0.5149

■ 52.5438, 0.2849,
0.5377

■ 52.1556, 0.2881,
0.5572

Harmonies

Analogous

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



68.3112, 0.3209, 0.3526



68.3112, 0.3070, 0.3463



68.3112, 0.2948, 0.3351

Triad

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



68.3112, 0.3070, 0.3463



68.3112, 0.2927, 0.3062



68.3112, 0.3387, 0.3347

Complementary

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



68.3112, 0.3070, 0.3463



61.0940, 0.3189, 0.3123

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.



68.3112, 0.3308, 0.3228



68.3112, 0.3070, 0.3463



68.3112, 0.3041, 0.3066

Square

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



68.3112, 0.3070, 0.3463



68.3112, 0.2867, 0.3119



68.3112, 0.3181, 0.3126



68.3112, 0.3394, 0.3455

Rectangle

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



68.3112, 0.3070, 0.3463



68.3112, 0.2892, 0.3265



68.3112, 0.3181, 0.3126



68.3112, 0.3367, 0.3307

Sweetspot

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



68.3141, 0.3070, 0.3463



98.2460, 0.3110, 0.3340



70.1376, 0.3223, 0.3537



20.9308, 0.3105, 0.3354



0.0000, 0.0000, 0.0000



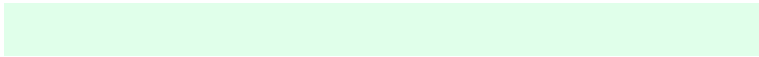
21.4041, 0.3127, 0.3290

Same Dimension

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



68.3141, 0.3070, 0.3463



93.3781, 0.3058, 0.3504



68.8656, 0.3000, 0.3336



14.6740, 0.3073, 0.3454



30.3168, 0.2874, 0.5546



1.9794, 0.2781, 0.5212

Inverse Universe

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



61.0940, 0.3189, 0.3123



81.3969, 0.3204, 0.3086



60.5525, 0.3271, 0.3245



13.2009, 0.3186, 0.3132



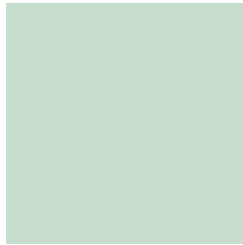
10.2469, 0.4206, 0.2091



0.6792, 0.4004, 0.1979

Previews

White Background



This preview shows how the Yxy color 68.3112, 0.3070, 0.3463 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 68.3112, 0.3070, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

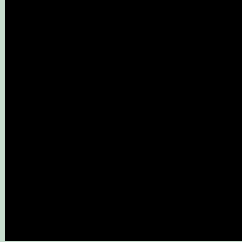
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

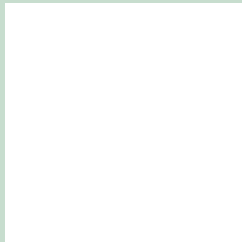
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3112, 0.3070, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 68.3112, 0.3070, 0.3463.

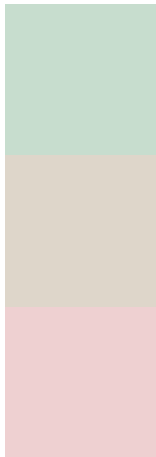


This preview shows how white text looks on a background with the Yxy color 68.3112, 0.3070, 0.3463.

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

68.3112, 0.3070, 0.3463

Protanopia

67.8870, 0.3270, 0.3424

Deuteranopia

67.8923, 0.3349, 0.3280



Tritanopia

68.4036, 0.2927, 0.3101

Trichromacy



Original Color

68.3112, 0.3070, 0.3463

Protanomaly

68.2336, 0.3200, 0.3448

Deuteranomaly

67.9899, 0.3244, 0.3345

Tritanomaly

68.0812, 0.2976, 0.3222

Monochromacy



Original Color

68.3112, 0.3070, 0.3463

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.1748, 0.3109, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3112, 0.3070, 0.3463 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(199, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 221, 206)  
}
```

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(199, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 221, 206) }
```

Border

The CSS property to change the border of an element to Yxy 68.3112, 0.3070, 0.3463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

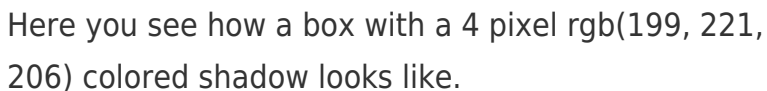
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 221, 206) }
```

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

```
.border{ border-color:rgb(199, 221, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 221, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 221, 206); box-shadow:4px 4px 4px 4px rgb(199, 221, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3112, 0.3070, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 221, 206) }
```

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

```
.background{ background-color: rgb(199,  
221, 206) }
```

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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