

Converting Colors

Yxy(67.4218, 0.3031, 0.3559)

Have a look what the booklet for
Yxy(67.4218, 0.3031, 0.3559)
contains.

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Color

Yxy(67.6368, 0.3031, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	BCDFC8
RGB	188, 223, 200
RGB Percent	74%, 87%, 78%
CMY	0.2630, 0.1254, 0.2157
CMYK	0.16, 0.00, 0.10, 0.13
HSL	141°, 35%, 81%
HSV	141°, 16%, 87%
XYZ	57.5378, 67.6368, 64.6565
YIQ	209.9130, -13.4770, -14.5730

Conversions

Conversions Part 2

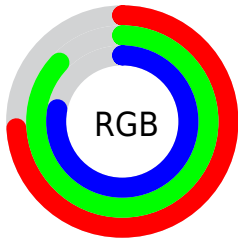
Format	Color
RYB	188, 214, 223
Decimal	12378056
CIELab	85.82, -15.93, 7.45
CIELCh	86, 17.588, 154.923
Yxy	67.6368, 0.3031, 0.3563
Android (android.graphics.Color)	4290568136 (0xFFBCDFC8)
YUV	209.9130, -4.8871, -19.2177
Hunter-Lab	82.2416, -19.0408, 10.9567

Details

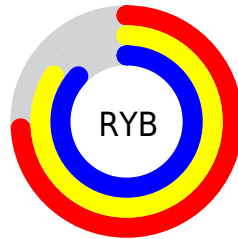
The Yxy color **67.6368, 0.3031, 0.3563** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3305, 0.3238, 0.3032**, and the grayscale version is **64.4213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **35.1489, 0.3004, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **64.3718, 0.2972, 0.3763**, and if you desaturate by 10%, it is **71.4107, 0.3092, 0.3384**.

Distribution



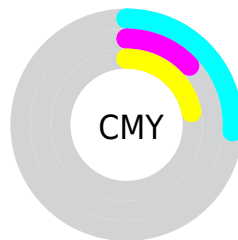
- Red (74%)
- Green (87%)
- Blue (78%)



- Red (74%)
- Yellow (84%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)





- Cyan (26%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6368, 0.3031, 0.3563 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 67.6368, 0.3031, 0.3563 by changing the saturation by 10% instead.

 67.6368, 0.3031,
0.3563

 67.6368, 0.3031,
0.3563

452.2081, 0.3077,
0.3432

 49.6023, 0.3020,
0.3594


 115.8324, 0.3047,
0.3517

 35.0975, 0.3006,
0.3633


146.7623, 0.3054,
0.3499

 23.7380, 0.2988,
0.3683


182.7595, 0.3059,
0.3484

 15.1394, 0.2963,
0.3751

224.2083, 0.3064,
0.3471

 8.9173, 0.2928,
0.3847

271.4932, 0.3068,
0.3459

 4.6873, 0.2875,
0.3992


324.9985, 0.3071,

 2.0650, 0.2782,


0.3449


0.4239


385.1087, 0.3075,
0.3440


 0.6448, 0.2134,
0.6143


 0.0000, 0.0000,
0.0000


 67.6368, 0.3031,
0.3563


 67.6368, 0.3031,
0.3563


 64.3718, 0.2972,
0.3763

 71.4107, 0.3092,
0.3384


 61.5853, 0.2918,
0.3984

 75.7053, 0.3153,
0.3225

 59.2566, 0.2871,
0.4222

 80.5431, 0.3213,
0.3085

 57.3602, 0.2835,
0.4473

 81.2675, 0.3142,
0.2980

■ 55.8678, 0.2813,
0.4729

■ 54.7479, 0.2807,
0.4981

■ 53.9640, 0.2820,
0.5217

■ 53.4712, 0.2849,
0.5427

■ 53.3178, 0.2863,
0.5507

Harmonies

Analogous

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



67.6368, 0.3249, 0.3665



67.6368, 0.3031, 0.3563



67.6368, 0.2843, 0.3380

Triad

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



67.6368, 0.3031, 0.3563



67.6368, 0.2817, 0.2934



67.6368, 0.3539, 0.3379

Complementary

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



67.6368, 0.3031, 0.3563



56.3305, 0.3238, 0.3032

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.



67.6368, 0.3415, 0.3195



67.6368, 0.3031, 0.3563



67.6368, 0.2995, 0.2944

Square

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



67.6368, 0.3031, 0.3563



67.6368, 0.2723, 0.3016



67.6368, 0.3214, 0.3038



67.6368, 0.3547, 0.3548

Rectangle

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



67.6368, 0.3031, 0.3563



67.6368, 0.2759, 0.3243



67.6368, 0.3214, 0.3038



67.6368, 0.3509, 0.3317

Sweetspot

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



67.6397, 0.3031, 0.3563



97.1341, 0.3096, 0.3372



70.3124, 0.3276, 0.3690



20.7076, 0.3092, 0.3384



0.0000, 0.0000, 0.0000



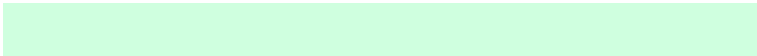
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6397, 0.3031, 0.3563



90.0588, 0.3011, 0.3629



68.4890, 0.2925, 0.3357



15.4146, 0.3069, 0.3448



31.3620, 0.2855, 0.5480



2.1903, 0.2768, 0.5165

Inverse Universe

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



56.3305, 0.3238, 0.3032



71.8620, 0.3266, 0.2974



55.5141, 0.3375, 0.3224



13.8514, 0.3190, 0.3137



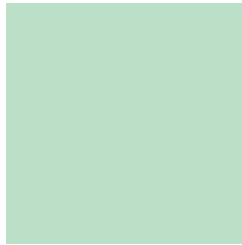
10.4739, 0.4309, 0.2147



0.7426, 0.4096, 0.2030

Previews

White Background



This preview shows how the Yxy color 67.6368, 0.3031, 0.3563 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 67.6368, 0.3031, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

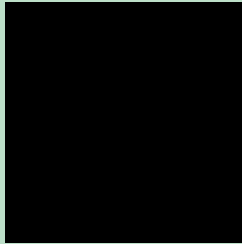
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

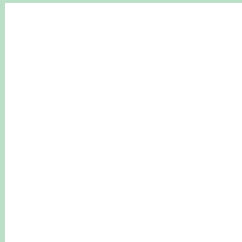
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6368, 0.3031, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 67.6368, 0.3031, 0.3563.



This preview shows how white text looks on a background with the Yxy color 67.6368, 0.3031, 0.3563.

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

67.6368, 0.3031, 0.3563

Protanopia

67.0582, 0.3321, 0.3492

Deuteranopia

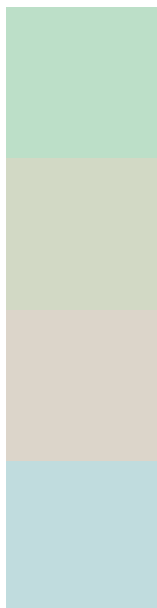
67.2882, 0.3403, 0.3334



Tritanopia

67.6103, 0.2855, 0.3097

Trichromacy



Original Color

67.6368, 0.3031, 0.3563

Protanomaly

67.3586, 0.3211, 0.3519

Deuteranomaly

67.0684, 0.3256, 0.3413

Tritanomaly

67.6668, 0.2921, 0.3266

Monochromacy



Original Color

67.6368, 0.3031, 0.3563

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.6137, 0.3093, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6368, 0.3031, 0.3563 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(188, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 223, 200)  
}
```

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(188, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 223, 200) }
```

Border

The CSS property to change the border of an element to Yxy 67.6368, 0.3031, 0.3563 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(188, 223, 200) }
```

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

```
.border{ border-color:rgb(188, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 223,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6368, 0.3031, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 223, 200) }
```

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

```
.background{ background-color: rgb(188,  
223, 200) }
```

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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