

Converting Colors

$Yxy(64.7560, 0.3096, 0.3438)$

Have a look what the booklet for
Yxy(64.7560, 0.3096, 0.3438)
contains.

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Color

Yxy(65.0073, 0.3098, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	C7D7CA
RGB	199, 215, 202
RGB Percent	78%, 84%, 79%
CMY	0.2197, 0.1568, 0.2078
CMYK	0.07, 0.00, 0.06, 0.16
HSL	131°, 17%, 81%
HSV	131°, 7%, 84%
XYZ	58.5103, 65.0073, 65.3473
YIQ	208.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

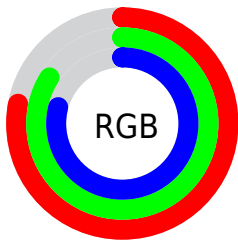
Format	Color
RYB	199, 212, 215
Decimal	13096906
CIELab	84.49, -7.80, 4.55
CIELCh	84, 9.029, 149.720
Yxy	65.0073, 0.3098, 0.3442
Android (android.graphics.Color)	4291286986 (0xFFC7D7CA)
YUV	208.7340, -3.3199, -8.5367
Hunter-Lab	80.6271, -11.5616, 8.3852

Details

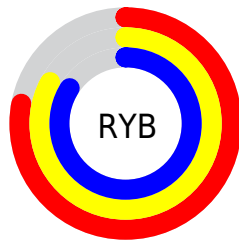
The Yxy color **65.0073, 0.3098, 0.3442** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0369, 0.3158, 0.3143**, and the grayscale version is **63.6024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2995, 0.3090, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **61.4945, 0.3058, 0.3669**, and if you desaturate by 10%, it is **69.0344, 0.3137, 0.3242**.

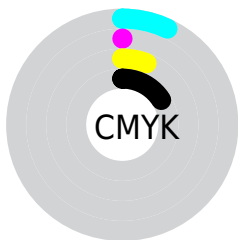
Distribution



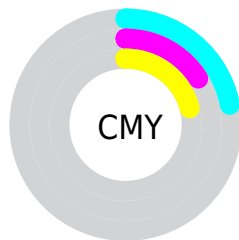
- Red (78%)
- Green (84%)
- Blue (79%)



- Red (78%)
- Yellow (83%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0073, 0.3098, 0.3442 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 65.0073, 0.3098, 0.3442 by changing the saturation by 10% instead.

■ 65.0073, 0.3098,
0.3442

■ 65.0073, 0.3098,
0.3442

442.8182, 0.3112,
0.3369

■ 47.4670, 0.3095,
0.3459

112.0604, 0.3103,
0.3416

■ 33.4050, 0.3090,
0.3481

142.3419, 0.3105,
0.3407

■ 22.4369, 0.3085,
0.3509

177.6393, 0.3107,
0.3398

■ 14.1783, 0.3077,
0.3546

218.3370, 0.3108,
0.3391

■ 8.2448, 0.3066,
0.3599

264.8193, 0.3109,
0.3384

■ 4.2520, 0.3049,
0.3679

317.4707, 0.3110,

■ 1.8155, 0.3019,

0.3379

376.6755, 0.3111,
0.3374

0.3816

0.4968, 0.2815,
0.4962

0.0000, 0.0000,
0.0000

65.0073, 0.3098,
0.3442

65.0073, 0.3098,
0.3442

61.4945, 0.3058,
0.3669

69.0344, 0.3137,
0.3242

58.4673, 0.3020,
0.3924

73.5868, 0.3174,
0.3066

55.9066, 0.2984,
0.4202

77.0416, 0.3150,
0.2907

53.7891, 0.2953,
0.4500

77.0864, 0.3145,
0.2901

■ 52.0891, 0.2929,
0.4805

■ 50.7784, 0.2916,
0.5105

■ 49.8253, 0.2915,
0.5381

■ 49.1930, 0.2926,
0.5615

■ 48.8321, 0.2948,
0.5793

Harmonies

Analogous

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



65.0073, 0.3211, 0.3486



65.0073, 0.3098, 0.3442



65.0073, 0.2994, 0.3355

Triad

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



65.0073, 0.3098, 0.3442



65.0073, 0.2952, 0.3107



65.0073, 0.3333, 0.3323

Complementary

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



65.0073, 0.3098, 0.3442



60.0369, 0.3158, 0.3143

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.



65.0073, 0.3261, 0.3225



65.0073, 0.3098, 0.3442



65.0073, 0.3041, 0.3102

Square

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



65.0073, 0.3098, 0.3442



65.0073, 0.2911, 0.3161



65.0073, 0.3154, 0.3145



65.0073, 0.3348, 0.3414

Rectangle

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



65.0073, 0.3098, 0.3442



65.0073, 0.2943, 0.3286



65.0073, 0.3154, 0.3145



65.0073, 0.3314, 0.3290

Sweetspot

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



65.0101, 0.3098, 0.3442



98.7821, 0.3119, 0.3330



66.7364, 0.3215, 0.3473



21.1562, 0.3120, 0.3328



0.0000, 0.0000, 0.0000



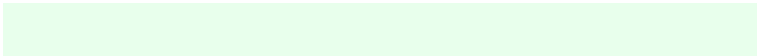
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0101, 0.3098, 0.3442



94.7633, 0.3092, 0.3477



65.3951, 0.3046, 0.3349



13.9340, 0.3090, 0.3484



29.1753, 0.2947, 0.5810



1.7713, 0.2860, 0.5498

Inverse Universe

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



60.0369, 0.3158, 0.3143



85.9447, 0.3165, 0.3110



59.6469, 0.3216, 0.3232



12.5905, 0.3166, 0.3103



10.4908, 0.3751, 0.1840



0.6434, 0.3641, 0.1779

Previews

White Background



This preview shows how the Yxy color 65.0073, 0.3098, 0.3442 looks on a white background.

Color Contrast Check

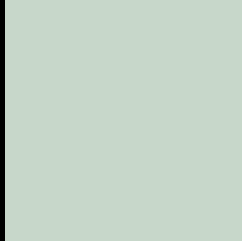
Large Text (above 18pt) WCAG AA × Fail

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 65.0073, 0.3098, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

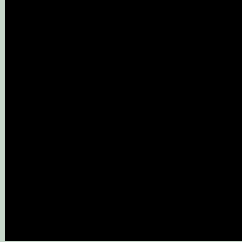
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

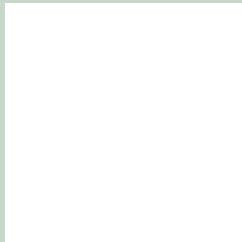
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0073, 0.3098, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 65.0073, 0.3098, 0.3442.



This preview shows how white text looks on a background with the Yxy color 65.0073, 0.3098, 0.3442.

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

64.8865, 0.2956, 0.3098

Trichromacy



Original Color

65.0073, 0.3098, 0.3442

Protanomaly

64.9587, 0.3195, 0.3428

Deuteranomaly

64.7957, 0.3262, 0.3346

Tritanomaly

64.7580, 0.3008, 0.3210

Monochromacy



Original Color

65.0073, 0.3098, 0.3442

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0239, 0.3117, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0073, 0.3098, 0.3442 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, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 202)  
}
```

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, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 202) }
```

Border

The CSS property to change the border of an element to Yxy 65.0073, 0.3098, 0.3442 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, 215, 202) }
```

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

```
.border{ border-color:rgb(199, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0073, 0.3098, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 202) }
```

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

```
.background{ background-color: rgb(199,  
215, 202) }
```

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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