

Converting Colors

Yxy(68.7545, 0.3041, 0.3423)

Have a look what the booklet for
Yxy(68.7545, 0.3041, 0.3423)
contains.

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Color

Yxy(69.0378, 0.3044, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	C7DED2
RGB	199, 222, 210
RGB Percent	78%, 87%, 82%
CMY	0.2196, 0.1294, 0.1766
CMYK	0.10, 0.00, 0.05, 0.13
HSL	149°, 26%, 83%
HSV	149°, 10%, 87%
XYZ	61.3043, 69.0378, 71.0517
YIQ	213.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

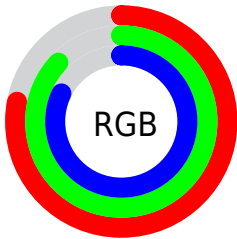
Format	Color
R _{YB}	199, 215, 222
Decimal	13098706
CIE Lab	86.52, -9.90, 3.29
CIE LCh	87, 10.437, 161.630
Yxy	69.0378, 0.3044, 0.3428
Android (android.graphics.Color)	4291288786 (0xFFC7DED2)
YUV	213.7550, -1.8512, -12.9401
Hunter-Lab	83.0890, -13.7058, 7.4617

Details

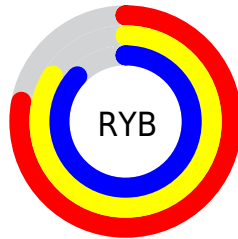
The Yxy color **69.0378, 0.3044, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0815, 0.3219, 0.3156**, and the grayscale version is **67.0900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0575, 0.3020, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **65.6645, 0.2966, 0.3577**, and if you desaturate by 10%, it is **72.9019, 0.3124, 0.3295**.

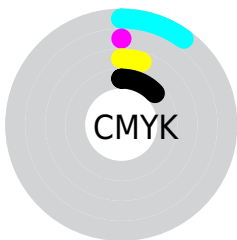
Distribution



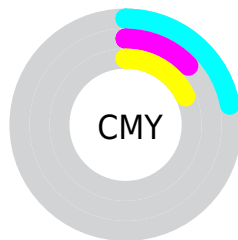
- Red (78%)
- Green (87%)
- Blue (82%)



- Red (78%)
- Yellow (84%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0378, 0.3044, 0.3428 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 69.0378, 0.3044, 0.3428 by changing the saturation by 10% instead.

■ 69.0378, 0.3044,
0.3428

■ 69.0378, 0.3044,
0.3428

457.1643, 0.3083,
0.3363

■ 50.7425, 0.3035,
0.3443

117.8356, 0.3058,
0.3405

■ 36.0037, 0.3023,
0.3462

149.1068, 0.3063,
0.3396

■ 24.4371, 0.3009,
0.3487

185.4722, 0.3068,
0.3389

■ 15.6582, 0.2989,
0.3519

227.3160, 0.3072,
0.3382

■ 9.2826, 0.2962,
0.3564

275.0228, 0.3075,
0.3376

■ 4.9260, 0.2922,
0.3632

328.9768, 0.3078,

■ 2.2039, 0.2856,

0.3371

389.5625, 0.3081,
0.3367

0.3744

0.7221, 0.2580,
0.4191

0.0000, 0.0000,
0.0000

69.0378, 0.3044,
0.3428

69.0378, 0.3044,
0.3428

65.6645, 0.2966,
0.3577

72.9019, 0.3124,
0.3295

62.7533, 0.2893,
0.3742

77.2669, 0.3205,
0.3176

60.2856, 0.2827,
0.3922

80.0872, 0.3209,
0.3066

58.2384, 0.2772,
0.4114

80.7268, 0.3142,
0.2970

■ 56.5863, 0.2731,
0.4316

■ 55.3012, 0.2708,
0.4522

■ 54.3510, 0.2704,
0.4728

■ 53.6977, 0.2720,
0.4925

■ 53.2861, 0.2751,
0.5104

Harmonies

Analogous

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



69.0378, 0.3172, 0.3500



69.0378, 0.3044, 0.3428



69.0378, 0.2940, 0.3318

Triad

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



69.0378, 0.3044, 0.3428



69.0378, 0.2964, 0.3074



69.0378, 0.3376, 0.3370

Complementary

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



69.0378, 0.3044, 0.3428



61.0815, 0.3219, 0.3156

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.



69.0378, 0.3318, 0.3259



69.0378, 0.3044, 0.3428



69.0378, 0.3078, 0.3091

Square

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



69.0378, 0.3044, 0.3428



69.0378, 0.2894, 0.3114



69.0378, 0.3208, 0.3158



69.0378, 0.3365, 0.3463

Rectangle

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



69.0378, 0.3044, 0.3428



69.0378, 0.2897, 0.3239



69.0378, 0.3208, 0.3158



69.0378, 0.3364, 0.3334

Sweetspot

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



69.0407, 0.3044, 0.3428



98.3229, 0.3103, 0.3329



70.2591, 0.3203, 0.3550



20.9515, 0.3096, 0.3339



0.0000, 0.0000, 0.0000



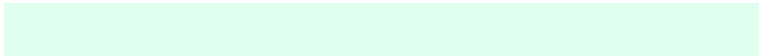
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0407, 0.3044, 0.3428



93.6634, 0.3030, 0.3453



69.6220, 0.2973, 0.3298



15.4456, 0.3051, 0.3415



31.6705, 0.2744, 0.5077



2.2132, 0.2663, 0.4787

Inverse Universe

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



61.0815, 0.3219, 0.3156



81.1016, 0.3237, 0.3133



60.5361, 0.3304, 0.3282



13.8197, 0.3211, 0.3168



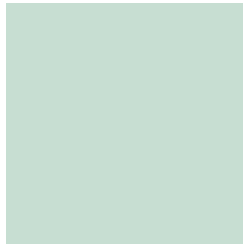
9.9968, 0.4855, 0.2448



0.7110, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 69.0378, 0.3044, 0.3428 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 69.0378, 0.3044, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

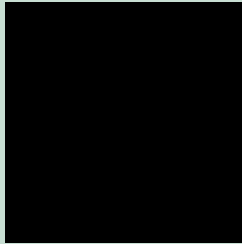
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

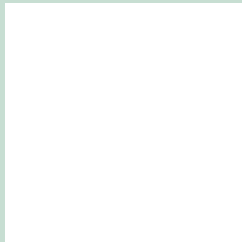
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0378, 0.3044, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 69.0378, 0.3044, 0.3428.

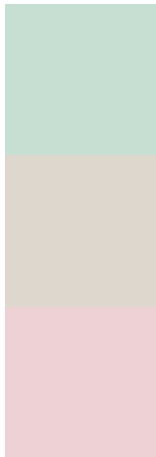


This preview shows how white text looks on a background with the Yxy color 69.0378, 0.3044, 0.3428.

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

69.0378, 0.3044, 0.3428

Protanopia

68.5867, 0.3241, 0.3390

Deuteranopia

68.5822, 0.3319, 0.3248



Tritanopia

68.8954, 0.2908, 0.3090

Trichromacy



Original Color

69.0378, 0.3044, 0.3428

Protanomaly

68.9439, 0.3172, 0.3414

Deuteranomaly

68.6939, 0.3215, 0.3312

Tritanomaly

68.7656, 0.2957, 0.3200

Monochromacy



Original Color

69.0378, 0.3044, 0.3428

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9851, 0.3096, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0378, 0.3044, 0.3428 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, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 210)  
}
```

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, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 210) }
```

Border

The CSS property to change the border of an element to Yxy 69.0378, 0.3044, 0.3428 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, 222, 210) }
```

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

```
.border{ border-color:rgb(199, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0378, 0.3044, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 210) }
```

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

```
.background{ background-color: rgb(199,  
222, 210) }
```

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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