

Converting Colors

$Yxy(62.7488, 0.3107, 0.3372)$

Have a look what the booklet for
Yxy(62.7488, 0.3107, 0.3372)
contains.

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Color

Yxy(62.8225, 0.3108, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	C9D2CB
RGB	201, 210, 203
RGB Percent	79%, 82%, 80%
CMY	0.2120, 0.1764, 0.2039
CMYK	0.04, 0.00, 0.03, 0.18
HSL	134°, 9%, 81%
HSV	134°, 4%, 82%
XYZ	57.9040, 62.8225, 65.5798
YIQ	206.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

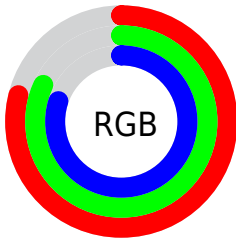
Format	Color
R _Y B	201, 208, 210
Decimal	13226699
CIE Lab	83.35, -4.36, 2.39
CIE LCh	83, 4.975, 151.294
Yxy	62.8225, 0.3108, 0.3372
Android (android.graphics.Color)	4291416779 (0xFFC9D2CB)
YUV	206.5110, -1.7309, -4.8331
Hunter-Lab	79.2606, -8.3026, 6.4262

Details

The Yxy color **62.8225, 0.3108, 0.3372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0060, 0.3147, 0.3209**, and the grayscale version is **62.0760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1499, 0.3102, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **59.3779, 0.3063, 0.3580**, and if you desaturate by 10%, it is **66.7514, 0.3152, 0.3189**.

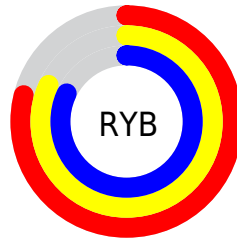
Distribution



Red (79%)

Green (82%)

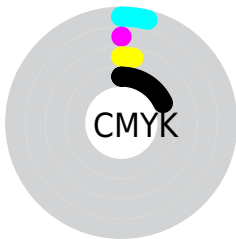
Blue (80%)



Red (79%)

Yellow (82%)

Blue (82%)

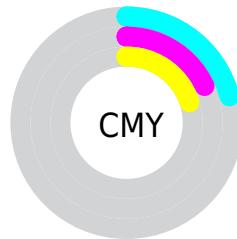


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (21%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8225, 0.3108, 0.3372 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 62.8225, 0.3108, 0.3372 by changing the saturation by 10% instead.

■ 62.8225, 0.3108,
0.3372

■ 62.8225, 0.3108,
0.3372

434.9250, 0.3117,
0.3333

■ 45.6976, 0.3106,
0.3381

108.9134, 0.3111,
0.3358

■ 32.0073, 0.3103,
0.3393

138.6482, 0.3113,
0.3353

■ 21.3671, 0.3099,
0.3408

173.3551, 0.3114,
0.3348

■ 13.3926, 0.3094,
0.3428

213.4185, 0.3115,
0.3344

■ 7.6994, 0.3088,
0.3457

259.2228, 0.3115,
0.3341

■ 3.9032, 0.3077,
0.3500

311.1524, 0.3116,

■ 1.6196, 0.3058,

0.3338

0.3575

369.5917, 0.3117,
0.3335

0.3707, 0.2882,
0.4345

0.0000, 0.0000,
0.0000

62.8225, 0.3108,
0.3372

62.8225, 0.3108,
0.3372

59.3779, 0.3063,
0.3580

66.7514, 0.3152,
0.3189

56.3911, 0.3019,
0.3813

71.1739, 0.3194,
0.3029

53.8448, 0.2978,
0.4071

74.3713, 0.3170,
0.2882

51.7181, 0.2941,
0.4349

74.5824, 0.3148,
0.2851

■ 49.9878, 0.2912,
0.4640

■ 48.6289, 0.2894,
0.4933

■ 47.6131, 0.2889,
0.5212

■ 46.9081, 0.2898,
0.5463

■ 46.4750, 0.2920,
0.5668

Harmonies

Analogous

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



62.8225, 0.3171, 0.3398



62.8225, 0.3108, 0.3372



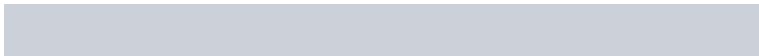
62.8225, 0.3050, 0.3324

Triad

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



62.8225, 0.3108, 0.3372



62.8225, 0.3032, 0.3187



62.8225, 0.3243, 0.3312

Complementary

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



62.8225, 0.3108, 0.3372



60.0060, 0.3147, 0.3209

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.



62.8225, 0.3204, 0.3257



62.8225, 0.3108, 0.3372



62.8225, 0.3082, 0.3185

Square

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



62.8225, 0.3108, 0.3372



62.8225, 0.3006, 0.3217



62.8225, 0.3146, 0.3210



62.8225, 0.3250, 0.3362

Rectangle

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



62.8225, 0.3108, 0.3372



62.8225, 0.3023, 0.3286



62.8225, 0.3146, 0.3210



62.8225, 0.3233, 0.3293

Sweetspot

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



62.8252, 0.3108, 0.3372



99.3933, 0.3123, 0.3309



63.7347, 0.3175, 0.3395



21.2807, 0.3123, 0.3308



0.0000, 0.0000, 0.0000



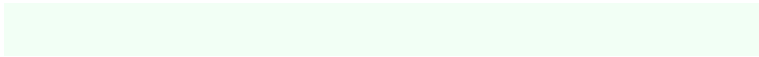
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8252, 0.3108, 0.3372



97.0431, 0.3105, 0.3387



63.0399, 0.3078, 0.3320



13.5382, 0.3102, 0.3398



28.2578, 0.2928, 0.5741



1.5924, 0.2828, 0.5382

Inverse Universe

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



60.0060, 0.3147, 0.3209



91.9479, 0.3150, 0.3195



59.7907, 0.3179, 0.3260



12.7451, 0.3153, 0.3184



9.9707, 0.3878, 0.1910



0.5690, 0.3731, 0.1829

Previews

White Background



This preview shows how the Yxy color 62.8225, 0.3108, 0.3372 looks on a white background.

Color Contrast Check

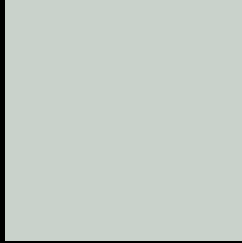
Large Text (above 18pt) WCAG AA × Fail

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 62.8225, 0.3108, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

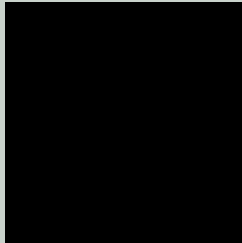
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

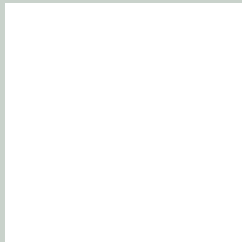
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8225, 0.3108, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 62.8225, 0.3108, 0.3372.

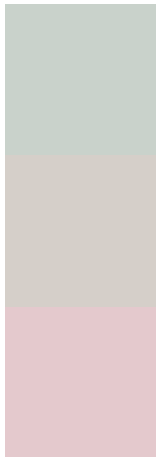


This preview shows how white text looks on a background with the Yxy color 62.8225, 0.3108, 0.3372.

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

62.8225, 0.3108, 0.3372

Protanopia

62.9888, 0.3215, 0.3359

Deuteranopia

62.6750, 0.3310, 0.3246



Tritanopia

62.7907, 0.2996, 0.3107

Trichromacy



Original Color

62.8225, 0.3108, 0.3372

Protanomaly

62.9313, 0.3177, 0.3359

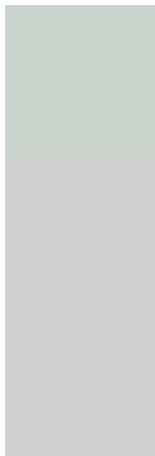
Deuteranomaly

62.4508, 0.3235, 0.3290

Tritanomaly

62.7661, 0.3035, 0.3198

Monochromacy



Original Color

62.8225, 0.3108, 0.3372

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5471, 0.3119, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8225, 0.3108, 0.3372 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(201, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 203)  
}
```

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(201, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 203) }
```

Border

The CSS property to change the border of an element to Yxy 62.8225, 0.3108, 0.3372 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(201, 210, 203) }
```

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

```
.border{ border-color:rgb(201, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8225, 0.3108, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 203) }
```

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

```
.background{ background-color: rgb(201,  
210, 203) }
```

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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