

Converting Colors

Yxy(62.8493, 0.3208, 0.3194)

Have a look what the booklet for
Yxy(62.8493, 0.3208, 0.3194)
contains.

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Color

Yxy(62.8375, 0.3201, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	DDCBD4
RGB	221, 203, 212
RGB Percent	87%, 80%, 83%
CMY	0.1334, 0.2039, 0.1686
CMYK	0.00, 0.08, 0.04, 0.13
HSL	330°, 21%, 83%
HSV	330°, 8%, 87%
XYZ	63.0542, 62.8375, 71.0911
YIQ	209.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

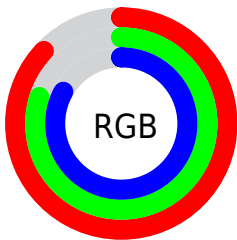
Format	Color
R _Y B	221, 203, 212
Decimal	14535636
CIE Lab	83.36, 7.81, -2.20
CIE LCh	83, 8.118, 344.266
Yxy	62.8375, 0.3201, 0.3190
Android (android.graphics.Color)	4292725716 (0xFFDDCBD4)
YUV	209.4080, 1.2779, 10.1662
Hunter-Lab	79.2701, 3.2624, 2.3166

Details

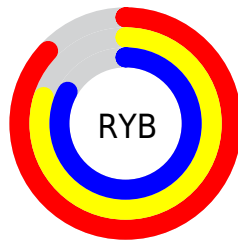
The Yxy color **62.8375, 0.3201, 0.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1557, 0.3059, 0.3392**, and the grayscale version is **64.0288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0362, 0.3225, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **52.5967, 0.3309, 0.3061**, and if you desaturate by 10%, it is **74.6096, 0.3112, 0.3312**.

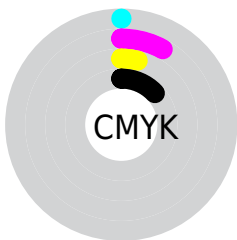
Distribution



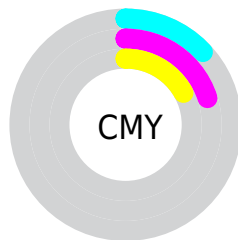
- Red (87%)
- Green (80%)
- Blue (83%)



- Red (87%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8375, 0.3201, 0.3190 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 62.8375, 0.3201, 0.3190 by changing the saturation by 10% instead.

■ 62.8375, 0.3201,
0.3190

■ 62.8375, 0.3201,
0.3190

434.9795, 0.3166,
0.3237

■ 45.7098, 0.3209,
0.3179

108.9350, 0.3189,
0.3207

■ 32.0168, 0.3219,
0.3165

138.6736, 0.3184,
0.3213

■ 21.3744, 0.3232,
0.3148

173.3846, 0.3180,
0.3218

■ 13.3979, 0.3250,
0.3124

213.4524, 0.3176,
0.3223

■ 7.7031, 0.3274,
0.3092

259.2614, 0.3173,
0.3227

■ 3.9056, 0.3311,
0.3043

311.1960, 0.3171,

■ 1.6209, 0.3371,

0.3231

0.2963

369.6406, 0.3168,
0.3234

0.3716, 0.3690,
0.2521

0.0000, 0.0000,
0.0000

62.8375, 0.3201,
0.3190

62.8375, 0.3201,
0.3190

52.5967, 0.3309,
0.3061

74.6096, 0.3112,
0.3312

43.8156, 0.3438,
0.2927

87.9644, 0.3038,
0.3426

36.4292, 0.3592,
0.2794

93.4909, 0.2976,
0.3390

30.3641, 0.3772,
0.2667

94.1096, 0.2923,
0.3289

■ 25.5403, 0.3978,
0.2556

■ 21.8691, 0.4208,
0.2474

■ 19.2498, 0.4452,
0.2432

■ 17.5639, 0.4700,
0.2442

■ 16.6417, 0.4939,
0.2505

Harmonies

Analogous

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



62.8375, 0.3097, 0.3133



62.8375, 0.3201, 0.3190



62.8375, 0.3286, 0.3273

Triad

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



62.8375, 0.3201, 0.3190



62.8375, 0.3251, 0.3469



62.8375, 0.2931, 0.3213

Complementary

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



62.8375, 0.3201, 0.3190



69.1557, 0.3059, 0.3392

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.



62.8375, 0.2971, 0.3304



62.8375, 0.3201, 0.3190



62.8375, 0.3155, 0.3454

Square

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



62.8375, 0.3201, 0.3190



62.8375, 0.3315, 0.3434



62.8375, 0.3052, 0.3394



62.8375, 0.2942, 0.3144

Rectangle

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



62.8375, 0.3201, 0.3190



62.8375, 0.3320, 0.3334



62.8375, 0.3052, 0.3394



62.8375, 0.2939, 0.3242

Sweetspot

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



62.8402, 0.3201, 0.3190



96.6259, 0.3144, 0.3266



61.8890, 0.3067, 0.3087



20.7173, 0.3144, 0.3267



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.



62.8402, 0.3201, 0.3190



84.0017, 0.3220, 0.3165



62.4135, 0.3265, 0.3287



13.1596, 0.3214, 0.3174



9.6133, 0.4949, 0.2500



0.6402, 0.4590, 0.2302

Inverse Universe

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



62.8402, 0.3201, 0.3190



84.0017, 0.3220, 0.3165



69.6061, 0.3004, 0.3293



13.1596, 0.3214, 0.3174



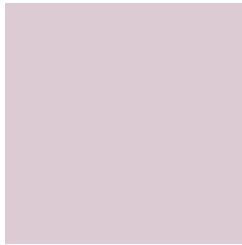
9.6133, 0.4949, 0.2500



0.6402, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 62.8375, 0.3201, 0.3190 looks on a white background.

Color Contrast Check

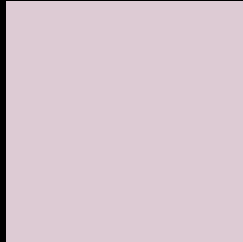
Large Text (above 18pt) WCAG AA × Fail

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 62.8375, 0.3201, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

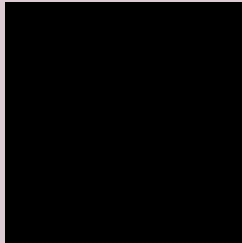
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

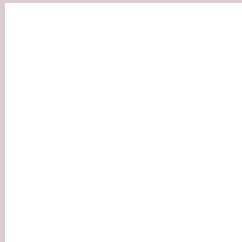
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8375, 0.3201, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 62.8375, 0.3201, 0.3190.



This preview shows how white text looks on a background with the Yxy color 62.8375, 0.3201, 0.3190.

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

62.8375, 0.3201, 0.3190

Protanopia

63.1823, 0.3101, 0.3210

Deuteranopia

62.6955, 0.3242, 0.3169



Tritanopia

62.8326, 0.3166, 0.3113

Trichromacy



Original Color

62.8375, 0.3201, 0.3190

Protanomaly

63.2429, 0.3138, 0.3211

Deuteranomaly

62.8418, 0.3225, 0.3180

Tritanomaly

62.7285, 0.3181, 0.3135

Monochromacy



Original Color

62.8375, 0.3201, 0.3190

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4249, 0.3151, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8375, 0.3201, 0.3190 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(221, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 212)  
}
```

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(221, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.8375, 0.3201, 0.3190 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(221, 203, 212) }
```

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

```
.border{ border-color:rgb(221, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 203, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 203, 212); box-shadow:4px 4px 4px 4px rgb(221, 203, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8375, 0.3201, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 212) }
```

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

```
.background{ background-color: rgb(221,  
203, 212) }
```

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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