

Converting Colors

$Yxy(62.6903, 0.3247, 0.3212)$

Have a look what the booklet for
Yxy(62.6903, 0.3247, 0.3212)
contains.

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Color

Yxy(62.6918, 0.3247, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	E0CAD1
RGB	224, 202, 209
RGB Percent	88%, 79%, 82%
CMY	0.1218, 0.2077, 0.1805
CMYK	0.00, 0.10, 0.07, 0.12
HSL	341°, 26%, 84%
HSV	341°, 10%, 88%
XYZ	63.3552, 62.6918, 69.0722
YIQ	209.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

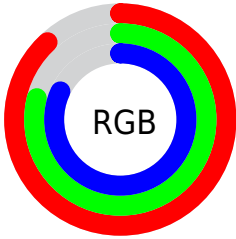
Format	Color
R _Y B	224, 202, 209
Decimal	14731985
CIE Lab	83.28, 8.84, -0.68
CIE LCh	83, 8.863, 355.628
Yxy	62.6918, 0.3247, 0.3213
Android (android.graphics.Color)	4292922065 (0xFFE0CAD1)
YUV	209.3760, -0.1854, 12.8252
Hunter-Lab	79.1782, 4.2668, 3.7022

Details

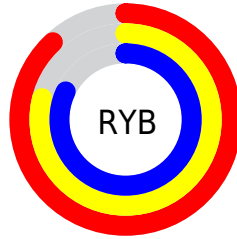
The Yxy color **62.6918, 0.3247, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8514, 0.3020, 0.3368**, and the grayscale version is **64.0120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9814, 0.3277, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **52.2140, 0.3397, 0.3130**, and if you desaturate by 10%, it is **74.7727, 0.3125, 0.3292**.

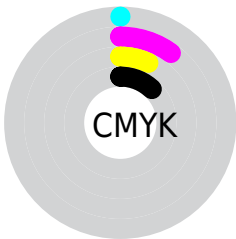
Distribution



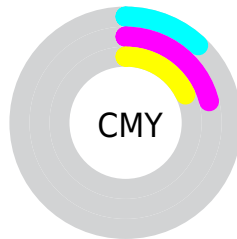
- Red (88%)
- Green (79%)
- Blue (82%)



- Red (88%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (12%)




- Cyan (12%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6918, 0.3247, 0.3213 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 62.6918, 0.3247, 0.3213 by changing the saturation by 10% instead.


 62.6918, 0.3247,
0.3213

 62.6918, 0.3247,
0.3213

434.4501, 0.3190,
0.3250

 45.5919, 0.3260,
0.3204

108.7248, 0.3227,
0.3226

 31.9239, 0.3277,
0.3194

138.4266, 0.3219,
0.3231

 21.3034, 0.3299,
0.3180


173.0979, 0.3213,
0.3235

 13.3460, 0.3328,
0.3161

213.1231, 0.3207,
0.3239

 7.6672, 0.3368,
0.3136

258.8865, 0.3202,
0.3242

 3.8827, 0.3429,
0.3097

310.7725, 0.3198,

 1.6082, 0.3531,

0.3245

0.3033

369.1656, 0.3194,
0.3247

0.3631, 0.4104,
0.2657

0.0000, 0.0000,
0.0000

62.6918, 0.3247,
0.3213

62.6918, 0.3247,
0.3213

52.2140, 0.3397,
0.3130

74.7727, 0.3125,
0.3292

43.2638, 0.3580,
0.3043

88.5120, 0.3025,
0.3364

35.7715, 0.3802,
0.2958

94.5683, 0.2941,
0.3291

29.6592, 0.4067,
0.2879

94.5786, 0.2940,
0.3289

■ 24.8412, 0.4374,
0.2816

■ 21.2225, 0.4716,
0.2780

■ 18.6947, 0.5074,
0.2784

■ 17.1295, 0.5420,
0.2836

■ 16.3092, 0.5725,
0.2929

Harmonies

Analogous

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



62.6918, 0.3138, 0.3138



62.6918, 0.3247, 0.3213



62.6918, 0.3325, 0.3309

Triad

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



62.6918, 0.3247, 0.3213



62.6918, 0.3225, 0.3486



62.6918, 0.2911, 0.3173

Complementary

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



62.6918, 0.3247, 0.3213



70.8514, 0.3020, 0.3368

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.



62.6918, 0.2934, 0.3266



62.6918, 0.3247, 0.3213



62.6918, 0.3114, 0.3450

Square

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



62.6918, 0.3247, 0.3213



62.6918, 0.3312, 0.3468



62.6918, 0.3007, 0.3368



62.6918, 0.2945, 0.3113

Rectangle

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



62.6918, 0.3247, 0.3213



62.6918, 0.3347, 0.3373



62.6918, 0.3007, 0.3368



62.6918, 0.2912, 0.3201

Sweetspot

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



62.6945, 0.3247, 0.3213



94.8840, 0.3162, 0.3267



62.3286, 0.3083, 0.3046



20.0237, 0.3171, 0.3261



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.



62.6945, 0.3247, 0.3213



80.7337, 0.3279, 0.3194



64.0925, 0.3294, 0.3331



13.7719, 0.3242, 0.3216



9.5084, 0.5691, 0.2909



0.6750, 0.5252, 0.2667

Inverse Universe

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



62.6945, 0.3247, 0.3213



80.7337, 0.3279, 0.3194



69.2791, 0.2977, 0.3248



13.7719, 0.3242, 0.3216



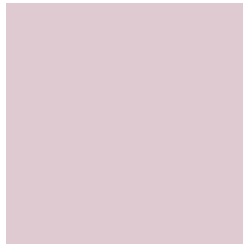
9.5084, 0.5691, 0.2909



0.6750, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 62.6918, 0.3247, 0.3213 looks on a white background.

Color Contrast Check

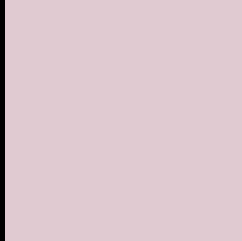
Large Text (above 18pt) WCAG AA × Fail

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 62.6918, 0.3247, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

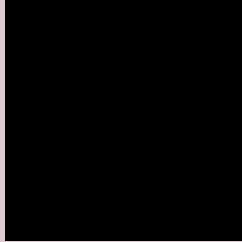
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6918, 0.3247, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 62.6918, 0.3247, 0.3213.



This preview shows how white text looks on a background with the Yxy color 62.6918, 0.3247, 0.3213.

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

62.6918, 0.3247, 0.3213

Protanopia

62.5977, 0.3115, 0.3222

Deuteranopia

62.7076, 0.3272, 0.3202



Tritanopia

62.7906, 0.3197, 0.3114

Trichromacy



Original Color

62.6918, 0.3247, 0.3213

Protanomaly

62.8129, 0.3161, 0.3222

Deuteranomaly

62.5455, 0.3264, 0.3202

Tritanomaly

62.6359, 0.3219, 0.3147

Monochromacy



Original Color

62.6918, 0.3247, 0.3213

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0422, 0.3167, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6918, 0.3247, 0.3213 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(224, 202, 209)` looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 209)  
}
```

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(224, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 209) }
```

Border

The CSS property to change the border of an element to Yxy 62.6918, 0.3247, 0.3213 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(224, 202, 209) }
```

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

```
.border{ border-color:rgb(224, 202, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 202, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6918, 0.3247, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 209) }
```

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

```
.background{ background-color: rgb(224,  
202, 209) }
```

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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