

Converting Colors

$Yxy(62.3725, 0.3226, 0.3168)$

Have a look what the booklet for
Yxy(62.3725, 0.3226, 0.3168)
contains.

Yxy(62.3740, 0.3226, 0.3168)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.3740, 0.3226, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	E0C9D4
RGB	224, 201, 212
RGB Percent	88%, 79%, 83%
CMY	0.1215, 0.2118, 0.1685
CMYK	0.00, 0.10, 0.05, 0.12
HSL	331°, 27%, 83%
HSV	331°, 10%, 88%
XYZ	63.5159, 62.3740, 70.9977
YIQ	209.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

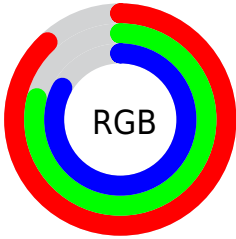
Format	Color
R _Y B	224, 201, 212
Decimal	14731732
CIE Lab	83.11, 9.93, -2.55
CIE LCh	83, 10.253, 345.612
Yxy	62.3740, 0.3226, 0.3168
Android (android.graphics.Color)	4292921812 (0xFFE0C9D4)
YUV	209.1310, 1.4144, 13.0401
Hunter-Lab	78.9772, 5.3452, 1.9845

Details

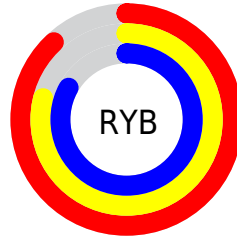
The Yxy color **62.3740, 0.3226, 0.3168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5379, 0.3038, 0.3415**, and the grayscale version is **63.8392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7368, 0.3259, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **52.1155, 0.3343, 0.3043**, and if you desaturate by 10%, it is **74.2035, 0.3130, 0.3287**.

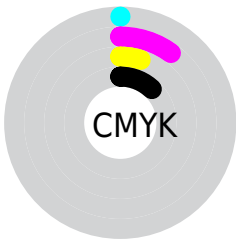
Distribution



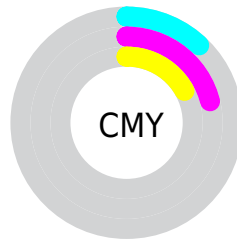
- Red (88%)
- Green (79%)
- Blue (83%)



- Red (88%)
- Yellow (79%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (12%)




- Cyan (12%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3740, 0.3226, 0.3168 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 62.3740, 0.3226, 0.3168 by changing the saturation by 10% instead.

 62.3740, 0.3226,
0.3168

 62.3740, 0.3226,
0.3168

433.2940, 0.3179,
0.3226

 45.3350, 0.3237,
0.3155


108.2659, 0.3210,
0.3188

 31.7214, 0.3251,
0.3138


137.8875, 0.3203,
0.3196

 21.1488, 0.3268,
0.3116


172.4722, 0.3198,
0.3203

 13.2328, 0.3292,
0.3088


212.4042, 0.3193,
0.3208

 7.5890, 0.3324,
0.3048

258.0680, 0.3189,
0.3214

 3.8331, 0.3373,
0.2989

309.8480, 0.3185,

 1.5807, 0.3455,

0.3218

0.2892

368.1285, 0.3182,
0.3222

0.3445, 0.3883,
0.2347

0.0000, 0.0000,
0.0000

62.3740, 0.3226,
0.3168

62.3740, 0.3226,
0.3168

52.1155, 0.3343,
0.3043

74.2035, 0.3130,
0.3287

43.3532, 0.3483,
0.2914

87.6584, 0.3050,
0.3398

36.0186, 0.3649,
0.2786

94.0858, 0.2984,
0.3370

30.0345, 0.3844,
0.2667

94.5891, 0.2940,
0.3289

■ 25.3162, 0.4067,
0.2566

■ 21.7695, 0.4313,
0.2496

■ 19.2868, 0.4573,
0.2470

■ 17.7402, 0.4833,
0.2497

■ 16.9186, 0.5074,
0.2569

Harmonies

Analogous

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



62.3740, 0.3095, 0.3094



62.3740, 0.3226, 0.3168



62.3740, 0.3332, 0.3273

Triad

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



62.3740, 0.3226, 0.3168



62.3740, 0.3279, 0.3517



62.3740, 0.2879, 0.3186

Complementary

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



62.3740, 0.3226, 0.3168



70.5379, 0.3038, 0.3415

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.



62.3740, 0.2926, 0.3302



62.3740, 0.3226, 0.3168



62.3740, 0.3155, 0.3497

Square

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



62.3740, 0.3226, 0.3168



62.3740, 0.3363, 0.3475



62.3740, 0.3026, 0.3417



62.3740, 0.2896, 0.3102

Rectangle

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



62.3740, 0.3226, 0.3168



62.3740, 0.3373, 0.3349



62.3740, 0.3026, 0.3417



62.3740, 0.2887, 0.3223

Sweetspot

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



62.3767, 0.3226, 0.3168



94.9619, 0.3154, 0.3255



61.2846, 0.3055, 0.3032



20.0447, 0.3162, 0.3245



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.



62.3767, 0.3226, 0.3168



81.0226, 0.3246, 0.3146



62.0178, 0.3308, 0.3295



13.8094, 0.3217, 0.3178



9.8697, 0.5039, 0.2550



0.7021, 0.4683, 0.2353

Inverse Universe

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



62.3767, 0.3226, 0.3168



81.0226, 0.3246, 0.3146



70.9113, 0.2970, 0.3285



13.8094, 0.3217, 0.3178



9.8697, 0.5039, 0.2550



0.7021, 0.4683, 0.2353

Previews

White Background



This preview shows how the Yxy color 62.3740, 0.3226, 0.3168 looks on a white background.

Color Contrast Check

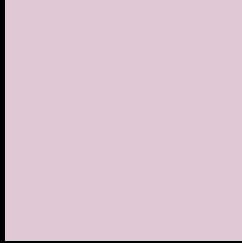
Large Text (above 18pt) WCAG AA × Fail

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 62.3740, 0.3226, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

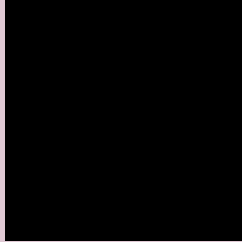
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3740, 0.3226, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 62.3740, 0.3226, 0.3168.



This preview shows how white text looks on a background with the Yxy color 62.3740, 0.3226, 0.3168.

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

62.3740, 0.3226, 0.3168

Protanopia

62.4588, 0.3079, 0.3187

Deuteranopia

62.5343, 0.3234, 0.3169



Tritanopia

62.2740, 0.3205, 0.3114

Trichromacy



Original Color

62.3740, 0.3226, 0.3168

Protanomaly

62.3369, 0.3132, 0.3177

Deuteranomaly

62.5343, 0.3234, 0.3169

Tritanomaly

62.2224, 0.3213, 0.3125

Monochromacy



Original Color

62.3740, 0.3226, 0.3168

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0919, 0.3160, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3740, 0.3226, 0.3168 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, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 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(224, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.3740, 0.3226, 0.3168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

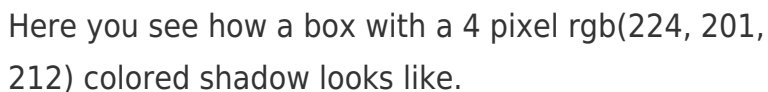
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 201, 212) }
```

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

```
.border{ border-color:rgb(224, 201, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 201, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 201, 212); box-shadow:4px 4px 4px 4px rgb(224, 201, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3740, 0.3226, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 212) }
```

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

```
.background{ background-color: rgb(224,  
201, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor