

Converting Colors

$Y_{xy}(62.0364, 0.3217, 0.2998)$

Have a look what the booklet for
Yxy(62.0364, 0.3217, 0.2998)
contains.

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Color

Yxy(62.1312, 0.3219, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	E9C4DF
RGB	233, 196, 223
RGB Percent	91%, 77%, 87%
CMY	0.0863, 0.2314, 0.1254
CMYK	0.00, 0.16, 0.04, 0.09
HSL	316°, 46%, 84%
HSV	316°, 16%, 91%
XYZ	66.6668, 62.1312, 78.3060
YIQ	210.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

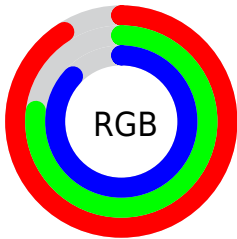
Format	Color
R _Y B	233, 196, 223
Decimal	15320287
CIE Lab	82.98, 17.60, -8.53
CIE LCh	83, 19.555, 334.147
Yxy	62.1312, 0.3219, 0.3000
Android (android.graphics.Color)	4293510367 (0xFFE9C4DF)
YUV	210.1410, 6.3395, 20.0473
Hunter-Lab	78.8233, 13.0299, -3.7245

Details

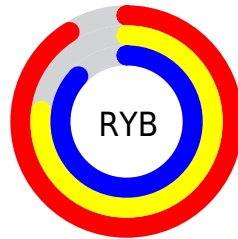
The Yxy color **62.1312, 0.3219, 0.3000** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.4722, 0.3046, 0.3599**, and the grayscale version is **64.4997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.5203, 0.3238, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **52.0931, 0.3290, 0.2810**, and if you desaturate by 10%, it is **73.8196, 0.3158, 0.3185**.

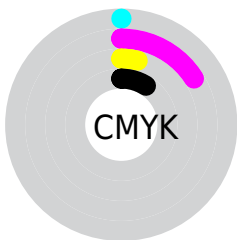
Distribution



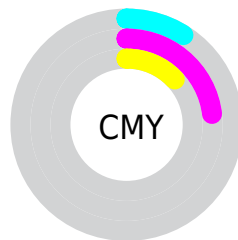
- Red (91%)
- Green (77%)
- Blue (87%)



- Red (91%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1312, 0.3219, 0.3000 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 62.1312, 0.3219, 0.3000 by changing the saturation by 10% instead.

 62.1312, 0.3219,
0.3000

 62.1312, 0.3219,
0.3000

432.4095, 0.3177,
0.3135

 45.1387, 0.3229,
0.2969

 107.9151, 0.3204,
0.3047

 31.5667, 0.3240,
0.2931


137.4754, 0.3199,
0.3065

 21.0308, 0.3255,
0.2882


171.9936, 0.3194,
0.3081

 13.1465, 0.3274,
0.2818

211.8544, 0.3190,
0.3094

 7.5295, 0.3300,
0.2731

257.4419, 0.3186,
0.3106

 3.7954, 0.3338,
0.2604

309.1407, 0.3182,

 1.5598, 0.3394,

0.3117

0.2405

367.3351, 0.3180,
0.3126

0.3303, 0.3663,
0.1627

0.0000, 0.0000,
0.0000

62.1312, 0.3219,
0.3000

62.1312, 0.3219,
0.3000

52.0931, 0.3290,
0.2810

73.8196, 0.3158,
0.3185

43.6220, 0.3371,
0.2621

87.2206, 0.3107,
0.3361

36.6393, 0.3462,
0.2439

95.2481, 0.3066,
0.3421

31.0568, 0.3563,
0.2276

95.6322, 0.3031,
0.3358

■ 26.7765, 0.3671,
0.2141

■ 96.0293, 0.2996,
0.3295

■ 23.6879, 0.3783,
0.2045

■ 96.0645, 0.2993,
0.3290

■ 21.6621, 0.3895,
0.1995

■ 20.5398, 0.4004,
0.1995

■ 20.2324, 0.4049,
0.2004

Harmonies

Analogous

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



62.1312, 0.2969, 0.2895



62.1312, 0.3219, 0.3000



62.1312, 0.3452, 0.3176

Triad

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



62.1312, 0.3219, 0.3000



62.1312, 0.3488, 0.3707



62.1312, 0.2679, 0.3165

Complementary

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



62.1312, 0.3219, 0.3000



74.4722, 0.3046, 0.3599

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.



62.1312, 0.2807, 0.3399



62.1312, 0.3219, 0.3000



62.1312, 0.3272, 0.3722

Square

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



62.1312, 0.3219, 0.3000



62.1312, 0.3610, 0.3579



62.1312, 0.3023, 0.3608



62.1312, 0.2666, 0.2980

Rectangle

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



62.1312, 0.3219, 0.3000



62.1312, 0.3562, 0.3314



62.1312, 0.3023, 0.3608



62.1312, 0.2710, 0.3241

Sweetspot

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



62.1339, 0.3219, 0.3000



91.9136, 0.3154, 0.3201



58.4670, 0.2941, 0.2872



19.4392, 0.3158, 0.3188



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.



62.1339, 0.3219, 0.3000



72.0745, 0.3241, 0.2939



61.1952, 0.3359, 0.3196



15.2404, 0.3179, 0.3120



11.5014, 0.4033, 0.1995



0.9190, 0.3892, 0.1918

Inverse Universe

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



62.1339, 0.3219, 0.3000



72.0745, 0.3241, 0.2939



75.4188, 0.2937, 0.3386



15.2404, 0.3179, 0.3120



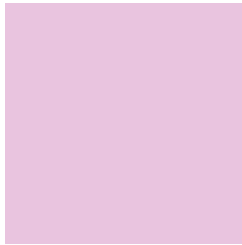
11.5014, 0.4033, 0.1995



0.9190, 0.3892, 0.1918

Previews

White Background



This preview shows how the Yxy color 62.1312, 0.3219, 0.3000 looks on a white background.

Color Contrast Check

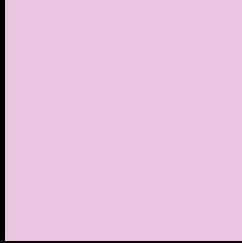
Large Text (above 18pt) WCAG AA × Fail

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 62.1312, 0.3219, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

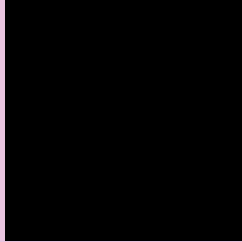
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1312, 0.3219, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 62.1312, 0.3219, 0.3000.



This preview shows how white text looks on a background with the Yxy color 62.1312, 0.3219, 0.3000.

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

62.1312, 0.3219, 0.3000

Protanopia

62.1572, 0.2956, 0.3018

Deuteranopia

62.2629, 0.3123, 0.3058



Tritanopia

62.3481, 0.3285, 0.3127

Trichromacy



Original Color

62.1312, 0.3219, 0.3000

Protanomaly

62.2342, 0.3050, 0.3012

Deuteranomaly

62.1283, 0.3162, 0.3038

Tritanomaly

62.0981, 0.3255, 0.3074

Monochromacy



Original Color

62.1312, 0.3219, 0.3000

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4744, 0.3155, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1312, 0.3219, 0.3000 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(233, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(233, 196, 223)  
}
```

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(233, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 196, 223) }
```

Border

The CSS property to change the border of an element to Yxy 62.1312, 0.3219, 0.3000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

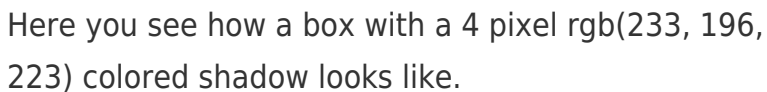
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 196, 223) }
```

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

```
.border{ border-color:rgb(233, 196, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 196, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 196, 223); box-shadow:4px 4px 4px 4px rgb(233, 196, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1312, 0.3219, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 196, 223) }
```

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

```
.background{ background-color: rgb(233,  
196, 223) }
```

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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