

Converting Colors

$Yxy(62.1859, 0.3407, 0.3227)$

Have a look what the booklet for
Yxy(62.1859, 0.3407, 0.3227)
contains.

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Color

Yxy(62.2488, 0.3403, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	EDC5CB
RGB	237, 197, 203
RGB Percent	93%, 77%, 80%
CMY	0.0707, 0.2274, 0.2040
CMYK	0.00, 0.17, 0.14, 0.07
HSL	351°, 53%, 85%
HSV	351°, 17%, 93%
XYZ	65.6642, 62.2488, 65.0467
YIQ	209.6440, 21.9140, 10.3460

Conversions

Conversions Part 2

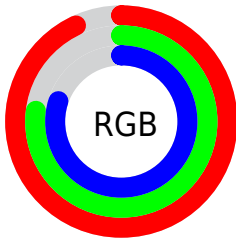
Format	Color
R _Y B	237, 197, 203
Decimal	15582667
CIE Lab	83.05, 15.09, 2.33
CIE LCh	83, 15.269, 8.761
Yxy	62.2488, 0.3403, 0.3226
Android (android.graphics.Color)	4293772747 (0xFFEDC5CB)
YUV	209.6440, -3.2755, 23.9912
Hunter-Lab	78.8979, 10.4885, 6.3474

Details

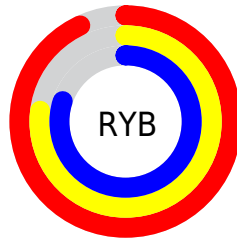
The Yxy color **62.2488, 0.3403, 0.3226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1983, 0.2906, 0.3355**, and the grayscale version is **64.2145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.6386, 0.3476, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **51.4219, 0.3621, 0.3185**, and if you desaturate by 10%, it is **74.8979, 0.3227, 0.3265**.

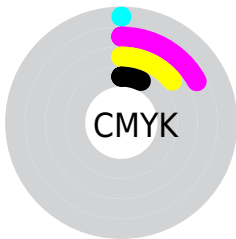
Distribution



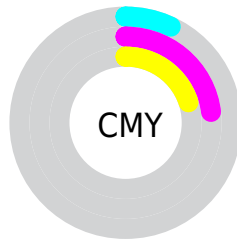
- Red (93%)
- Green (77%)
- Blue (80%)



- Red (93%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2488, 0.3403, 0.3226 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 62.2488, 0.3403, 0.3226 by changing the saturation by 10% instead.


 62.2488, 0.3403,
0.3226

 62.2488, 0.3403,
0.3226

432.8381, 0.3271,
0.3257

 45.2338, 0.3434,
0.3218


108.0850, 0.3356,
0.3237

 31.6416, 0.3473,
0.3209


137.6750, 0.3339,
0.3242

 21.0879, 0.3524,
0.3196


172.2255, 0.3323,
0.3245

 13.1883, 0.3592,
0.3179

212.1207, 0.3310,
0.3248

 7.5583, 0.3687,
0.3154

257.7452, 0.3299,
0.3251

 3.8136, 0.3832,
0.3116

309.4833, 0.3288,

 1.5699, 0.4075,

0.3253

0.3048

367.7195, 0.3279,
0.3255

0.3372, 0.5598,
0.2740

0.0000, 0.0000,
0.0000

62.2488, 0.3403,
0.3226

62.2488, 0.3403,
0.3226

51.4219, 0.3621,
0.3185

74.8979, 0.3227,
0.3265

42.3252, 0.3890,
0.3145

89.4391, 0.3086,
0.3301

34.8713, 0.4215,
0.3108

96.7409, 0.3017,
0.3290

28.9619, 0.4597,
0.3080

■ 24.4882, 0.5023,
0.3068

■ 21.3270, 0.5459,
0.3080

■ 19.3344, 0.5854,
0.3120

■ 18.3276, 0.6150,
0.3183

■ 18.1248, 0.6222,
0.3201

Harmonies

Analogous

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



62.2488, 0.3230, 0.3080



62.2488, 0.3403, 0.3226



62.2488, 0.3501, 0.3392

Triad

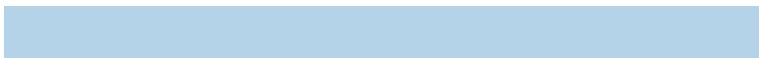
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2488, 0.3403, 0.3226



62.2488, 0.3212, 0.3617



62.2488, 0.2771, 0.3032

Complementary

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



62.2488, 0.3403, 0.3226



78.1983, 0.2906, 0.3355

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.



62.2488, 0.2767, 0.3169



62.2488, 0.3403, 0.3226



62.2488, 0.3018, 0.3515

Square

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



62.2488, 0.3403, 0.3226



62.2488, 0.3388, 0.3623



62.2488, 0.2856, 0.3348



62.2488, 0.2867, 0.2968

Rectangle

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



62.2488, 0.3403, 0.3226



62.2488, 0.3509, 0.3494



62.2488, 0.2856, 0.3348



62.2488, 0.2759, 0.3071

Sweetspot

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



62.2516, 0.3403, 0.3226



91.4543, 0.3199, 0.3272



63.0389, 0.3101, 0.2866



19.3277, 0.3210, 0.3269



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.



62.2516, 0.3403, 0.3226



69.1802, 0.3468, 0.3213



68.6226, 0.3425, 0.3442



15.0907, 0.3269, 0.3255



9.9092, 0.6192, 0.3185



0.7894, 0.5856, 0.3000

Inverse Universe

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



62.2516, 0.3403, 0.3226



69.1802, 0.3468, 0.3213



70.7564, 0.2865, 0.3133



15.0907, 0.3269, 0.3255



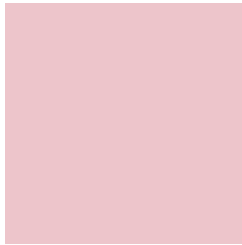
9.9092, 0.6192, 0.3185



0.7894, 0.5856, 0.3000

Previews

White Background



This preview shows how the Yxy color 62.2488, 0.3403, 0.3226 looks on a white background.

Color Contrast Check

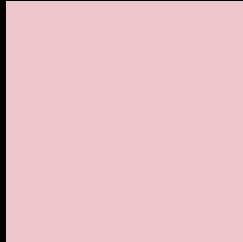
Large Text (above 18pt) WCAG AA × Fail

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 62.2488, 0.3403, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

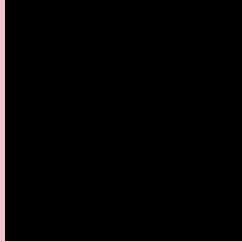
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2488, 0.3403, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 62.2488, 0.3403, 0.3226.



This preview shows how white text looks on a background with the Yxy color 62.2488, 0.3403, 0.3226.

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

62.2488, 0.3403, 0.3226

Protanopia

62.3983, 0.3143, 0.3267

Deuteranopia

62.2308, 0.3342, 0.3269



Tritanopia

62.3601, 0.3350, 0.3130

Trichromacy



Original Color

62.2488, 0.3403, 0.3226

Protanomaly

62.3837, 0.3237, 0.3257

Deuteranomaly

62.2669, 0.3367, 0.3258

Tritanomaly

62.2111, 0.3374, 0.3161

Monochromacy



Original Color

62.2488, 0.3403, 0.3226

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3833, 0.3228, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2488, 0.3403, 0.3226 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(237, 197, 203)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 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(237, 197, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 203) }
```

Border

The CSS property to change the border of an element to Yxy 62.2488, 0.3403, 0.3226 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(237, 197, 203) }
```

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

```
.border{ border-color:rgb(237, 197, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 203);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2488, 0.3403, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 203) }
```

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

```
.background{ background-color: rgb(237,  
197, 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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