

Converting Colors

$Yxy(63.6249, 0.3398, 0.3258)$

Have a look what the booklet for
Yxy(63.6249, 0.3398, 0.3258)
contains.

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Color

Yxy(63.6249, 0.3398, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	EDC8CB
RGB	237, 200, 203
RGB Percent	93%, 78%, 80%
CMY	0.0706, 0.2157, 0.2038
CMYK	0.00, 0.16, 0.14, 0.07
HSL	355°, 51%, 86%
HSV	355°, 16%, 93%
XYZ	66.3589, 63.6249, 65.3044
YIQ	211.4050, 21.0890, 8.7770

Conversions

Conversions Part 2

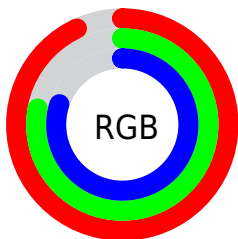
Format	Color
R _Y B	237, 200, 203
Decimal	15583435
CIE Lab	83.77, 13.52, 3.35
CIE LCh	84, 13.931, 13.926
Yxy	63.6249, 0.3398, 0.3258
Android (android.graphics.Color)	4293773515 (0xFFEDC8CB)
YUV	211.4050, -4.1437, 22.4468
Hunter-Lab	79.7652, 8.9101, 7.2945

Details

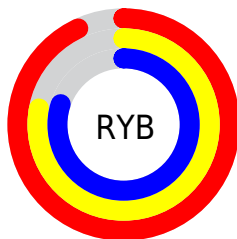
The Yxy color **63.6249, 0.3398, 0.3258** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7801, 0.2908, 0.3322**, and the grayscale version is **65.4428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5515, 0.3469, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **52.5217, 0.3628, 0.3236**, and if you desaturate by 10%, it is **76.5808, 0.3214, 0.3279**.

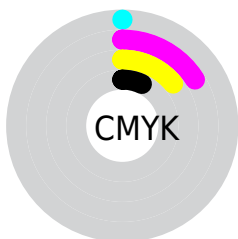
Distribution



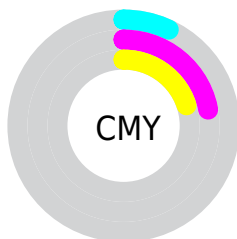
- Red (93%)
- Green (78%)
- Blue (80%)



- Red (93%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6249, 0.3398, 0.3258 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 63.6249, 0.3398, 0.3258 by changing the saturation by 10% instead.


 63.6249, 0.3398,
0.3258

 63.6249, 0.3398,
0.3258

437.8338, 0.3269,
0.3274

 46.3469, 0.3428,
0.3254

110.0706, 0.3352,
0.3264

 32.5197, 0.3467,
0.3249


140.0070, 0.3335,
0.3266

 21.7587, 0.3516,
0.3242


174.9318, 0.3320,
0.3268

 13.6797, 0.3581,
0.3232

215.2293, 0.3307,
0.3270

 7.8983, 0.3674,
0.3218

261.2838, 0.3296,
0.3271

 4.0299, 0.3813,
0.3194

313.4798, 0.3286,

 1.6903, 0.4046,

0.3272

0.3152

372.2017, 0.3277,
0.3273

0.4174, 0.5328,
0.3059

0.0000, 0.0000,
0.0000

63.6249, 0.3398,
0.3258

63.6249, 0.3398,
0.3258

52.5217, 0.3628,
0.3236

76.5808, 0.3214,
0.3279

43.1785, 0.3912,
0.3214

91.4595, 0.3066,
0.3298

35.5075, 0.4258,
0.3195

96.7425, 0.3017,
0.3290

29.4098, 0.4665,
0.3180

■ 24.7764, 0.5117,
0.3175

■ 21.4841, 0.5574,
0.3184

■ 19.3898, 0.5973,
0.3209

■ 18.3172, 0.6250,
0.3247

■ 18.0509, 0.6329,
0.3260

Harmonies

Analogous

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



63.6249, 0.3250, 0.3119



63.6249, 0.3398, 0.3258



63.6249, 0.3472, 0.3408

Triad

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



63.6249, 0.3398, 0.3258



63.6249, 0.3174, 0.3575



63.6249, 0.2813, 0.3041

Complementary

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



63.6249, 0.3398, 0.3258



78.7801, 0.2908, 0.3322

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.



63.6249, 0.2795, 0.3156



63.6249, 0.3398, 0.3258



63.6249, 0.3000, 0.3470

Square

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



63.6249, 0.3398, 0.3258



63.6249, 0.3339, 0.3597



63.6249, 0.2862, 0.3314



63.6249, 0.2914, 0.2995

Rectangle

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



63.6249, 0.3398, 0.3258



63.6249, 0.3468, 0.3497



63.6249, 0.2862, 0.3314



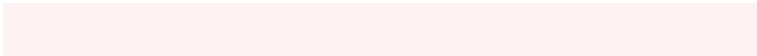
63.6249, 0.2797, 0.3073

Sweetspot

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



63.6278, 0.3398, 0.3258



91.4020, 0.3204, 0.3280



64.9021, 0.3122, 0.2901



19.3151, 0.3216, 0.3279



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.



63.6278, 0.3398, 0.3258



70.3469, 0.3472, 0.3251



70.9859, 0.3396, 0.3456



15.0741, 0.3280, 0.3271



9.8638, 0.6309, 0.3249



0.7815, 0.6087, 0.3127

Inverse Universe

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



63.6278, 0.3398, 0.3258



70.3469, 0.3472, 0.3251



70.4134, 0.2884, 0.3118



15.0741, 0.3280, 0.3271



9.8638, 0.6309, 0.3249



0.7815, 0.6087, 0.3127

Previews

White Background



This preview shows how the Yxy color 63.6249, 0.3398, 0.3258 looks on a white background.

Color Contrast Check

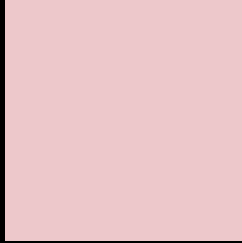
Large Text (above 18pt) WCAG AA × Fail

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 63.6249, 0.3398, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

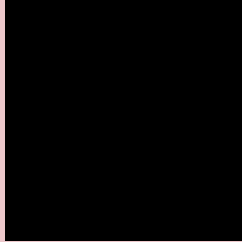
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6249, 0.3398, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 63.6249, 0.3398, 0.3258.



This preview shows how white text looks on a background with the Yxy color 63.6249, 0.3398, 0.3258.

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

63.6249, 0.3398, 0.3258

Protanopia

63.8120, 0.3165, 0.3290

Deuteranopia

63.7087, 0.3355, 0.3280



Tritanopia

63.4203, 0.3325, 0.3119

Trichromacy



Original Color

63.6249, 0.3398, 0.3258

Protanomaly

63.6485, 0.3251, 0.3279

Deuteranomaly

63.5775, 0.3373, 0.3269

Tritanomaly

63.6771, 0.3354, 0.3173

Monochromacy



Original Color

63.6249, 0.3398, 0.3258

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3954, 0.3219, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6249, 0.3398, 0.3258 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, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(237, 200, 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, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 200, 203) }
```

Border

The CSS property to change the border of an element to Yxy 63.6249, 0.3398, 0.3258 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, 200, 203) }
```

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

```
.border{ border-color:rgb(237, 200, 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, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(237, 200,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6249, 0.3398, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 200, 203) }
```

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

```
.background{ background-color: rgb(237,  
200, 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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