

Converting Colors

$Yxy(63.6806, 0.3309, 0.3095)$

Have a look what the booklet for
Yxy(63.6806, 0.3309, 0.3095)
contains.

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Color

Yxy(63.5232, 0.3309, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	EEC6D8
RGB	238, 198, 216
RGB Percent	93%, 78%, 85%
CMY	0.0667, 0.2235, 0.1528
CMYK	0.00, 0.17, 0.09, 0.07
HSL	333°, 54%, 85%
HSV	333°, 17%, 93%
XYZ	67.8497, 63.5232, 73.6730
YIQ	212.0120, 18.0620, 14.0780

Conversions

Conversions Part 2

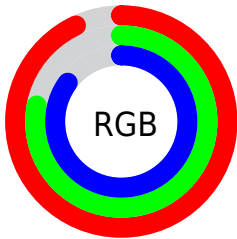
Format	Color
R _Y B	238, 198, 216
Decimal	15648472
CIE Lab	83.72, 17.05, -3.66
CIE LCh	84, 17.435, 347.896
Yxy	63.5232, 0.3309, 0.3098
Android (android.graphics.Color)	4293838552 (0xFFEEEC6D8)
YUV	212.0120, 1.9661, 22.7915
Hunter-Lab	79.7014, 12.4791, 0.9856

Details

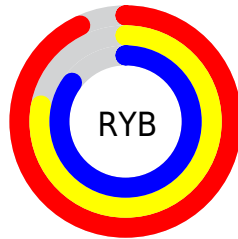
The Yxy color **63.5232, 0.3309, 0.3098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3161, 0.2976, 0.3490**, and the grayscale version is **65.8266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4648, 0.3359, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **52.8377, 0.3448, 0.2977**, and if you desaturate by 10%, it is **75.9775, 0.3194, 0.3215**.

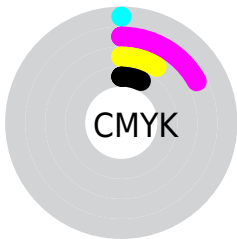
Distribution



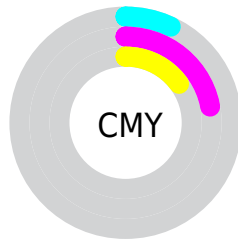
- Red (93%)
- Green (78%)
- Blue (85%)



- Red (93%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5232, 0.3309, 0.3098 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 63.5232, 0.3309, 0.3098 by changing the saturation by 10% instead.

 63.5232, 0.3309,
0.3098

 63.5232, 0.3309,
0.3098


437.4658, 0.3223,
0.3188

 46.2646, 0.3329,
0.3077

109.9240, 0.3279,
0.3129

 32.4547, 0.3354,
0.3051


139.8350, 0.3267,
0.3142

 21.7090, 0.3386,
0.3019


174.7322, 0.3257,
0.3152

 13.6433, 0.3428,
0.2975

215.0000, 0.3249,
0.3161

 7.8730, 0.3486,
0.2915

261.0229, 0.3241,
0.3169

 4.0138, 0.3573,
0.2828

313.1853, 0.3235,

 1.6813, 0.3715,

0.3176

0.2687

371.8714, 0.3229,
0.3182

0.4115, 0.4199,
0.2140

0.0000, 0.0000,
0.0000

63.5232, 0.3309,
0.3098

63.5232, 0.3309,
0.3098

52.8377, 0.3448,
0.2977

75.9775, 0.3194,
0.3215

43.8317, 0.3616,
0.2855

90.2676, 0.3099,
0.3324

36.4208, 0.3813,
0.2738

96.9157, 0.3023,
0.3290

30.5098, 0.4042,
0.2637

■ 25.9933, 0.4298,
0.2562

■ 22.7521, 0.4574,
0.2526

■ 20.6465, 0.4854,
0.2542

■ 19.4993, 0.5121,
0.2612

■ 19.2436, 0.5204,
0.2640

Harmonies

Analogous

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



63.5232, 0.3087, 0.2972



63.5232, 0.3309, 0.3098



63.5232, 0.3486, 0.3273

Triad

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



63.5232, 0.3309, 0.3098



63.5232, 0.3367, 0.3679



63.5232, 0.2710, 0.3097

Complementary

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



63.5232, 0.3309, 0.3098



78.3161, 0.2976, 0.3490

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.



63.5232, 0.2780, 0.3291



63.5232, 0.3309, 0.3098



63.5232, 0.3155, 0.3638

Square

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



63.5232, 0.3309, 0.3098



63.5232, 0.3518, 0.3609



63.5232, 0.2941, 0.3493



63.5232, 0.2747, 0.2965

Rectangle

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



63.5232, 0.3309, 0.3098



63.5232, 0.3550, 0.3399



63.5232, 0.2941, 0.3493



63.5232, 0.2722, 0.3157

Sweetspot

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



63.5260, 0.3309, 0.3098



91.6904, 0.3175, 0.3235



61.6748, 0.3007, 0.2856



19.3850, 0.3183, 0.3227



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.



63.5260, 0.3309, 0.3098



69.9915, 0.3352, 0.3059



63.2559, 0.3446, 0.3305



15.8773, 0.3222, 0.3184



10.7621, 0.5166, 0.2620



0.9151, 0.4843, 0.2442

Inverse Universe

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



63.5260, 0.3309, 0.3098



69.9915, 0.3352, 0.3059



78.5500, 0.2873, 0.3275



15.8773, 0.3222, 0.3184



10.7621, 0.5166, 0.2620



0.9151, 0.4843, 0.2442

Previews

White Background



This preview shows how the Yxy color 63.5232, 0.3309, 0.3098 looks on a white background.

Color Contrast Check

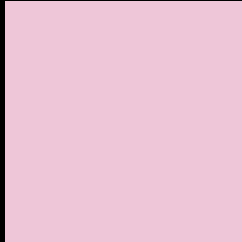
Large Text (above 18pt) WCAG AA × Fail

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 63.5232, 0.3309, 0.3098 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 63.5232, 0.3309, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 63.5232, 0.3309, 0.3098.



This preview shows how white text looks on a background with the Yxy color 63.5232, 0.3309, 0.3098.

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

63.5232, 0.3309, 0.3098

Protanopia

63.9410, 0.3039, 0.3132

Deuteranopia

63.7869, 0.3218, 0.3159



Tritanopia

63.4203, 0.3325, 0.3119

Trichromacy



Original Color

63.5232, 0.3309, 0.3098

Protanomaly

63.5687, 0.3135, 0.3113

Deuteranomaly

63.5026, 0.3251, 0.3138

Tritanomaly

63.4716, 0.3317, 0.3109

Monochromacy



Original Color

63.5232, 0.3309, 0.3098

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8019, 0.3191, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5232, 0.3309, 0.3098 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(238, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 216)  
}
```

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(238, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 216) }
```

Border

The CSS property to change the border of an element to Yxy 63.5232, 0.3309, 0.3098 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(238, 198, 216) }
```

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

```
.border{ border-color:rgb(238, 198, 216) }
```

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

Here you see how a box with a 4 pixel rgb(238, 198, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5232, 0.3309, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 216) }
```

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

```
.background{ background-color: rgb(238,  
198, 216) }
```

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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