

Converting Colors

$Yxy(58.8456, 0.3388, 0.3195)$

Have a look what the booklet for
Yxy(58.8456, 0.3388, 0.3195)
contains.

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Color

Yxy(59.0252, 0.3394, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	E8C0C8
RGB	232, 192, 200
RGB Percent	91%, 75%, 78%
CMY	0.0900, 0.2471, 0.2156
CMYK	0.00, 0.17, 0.14, 0.09
HSL	348°, 47%, 83%
HSV	348°, 17%, 91%
XYZ	62.5645, 59.0252, 62.7488
YIQ	204.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

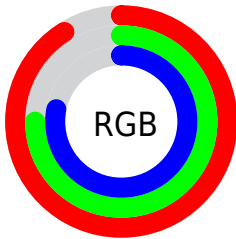
Format	Color
R _Y B	232, 192, 200
Decimal	15253704
CIE Lab	81.31, 15.52, 1.33
CIE LCh	81, 15.581, 4.907
Yxy	59.0252, 0.3394, 0.3202
Android (android.graphics.Color)	4293443784 (0xFFE8C0C8)
YUV	204.8720, -2.4019, 23.7913
Hunter-Lab	76.8279, 10.9121, 5.3546

Details

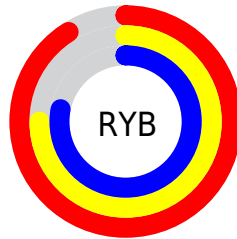
The Yxy color **59.0252, 0.3394, 0.3202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3230, 0.2913, 0.3380**, and the grayscale version is **60.9742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **29.4824, 0.3466, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **48.8138, 0.3600, 0.3147**, and if you desaturate by 10%, it is **70.9535, 0.3228, 0.3254**.

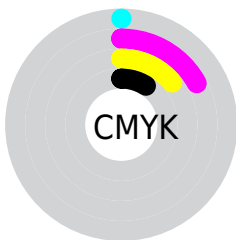
Distribution



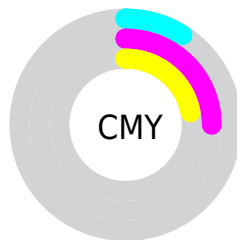
- Red (91%)
- Green (75%)
- Blue (78%)



- Red (91%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0252, 0.3394, 0.3202 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 59.0252, 0.3394, 0.3202 by changing the saturation by 10% instead.


 59.0252, 0.3394,
0.3202

 59.0252, 0.3394,
0.3202


420.9953, 0.3266,
0.3245

 42.6334, 0.3425,
0.3192

 103.4143, 0.3348,
0.3217

 29.5976, 0.3463,
0.3179


132.1804, 0.3331,
0.3223

 19.5333, 0.3514,
0.3161


165.8400, 0.3316,
0.3228

 12.0563, 0.3581,
0.3138

204.7776, 0.3303,
0.3232

 6.7820, 0.3678,
0.3105

249.3775, 0.3292,
0.3236

 3.3262, 0.3826,
0.3053

300.0242, 0.3282,

 1.3043, 0.4081,

0.3239

0.2961

357.1020, 0.3273,
0.3242

0.1445, 0.7121,
0.1993

0.0000, 0.0000,
0.0000

59.0252, 0.3394,
0.3202

59.0252, 0.3394,
0.3202

48.8138, 0.3600,
0.3147

70.9535, 0.3228,
0.3254

40.2325, 0.3852,
0.3093

84.6645, 0.3093,
0.3303

33.1989, 0.4157,
0.3043

95.9024, 0.2988,
0.3290

27.6203, 0.4515,
0.3004

■ 23.3940, 0.4916,
0.2984

■ 20.4036, 0.5333,
0.2994

■ 18.5130, 0.5721,
0.3039

■ 17.5447, 0.6033,
0.3116

■ 17.3638, 0.6104,
0.3136

Harmonies

Analogous

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



59.0252, 0.3208, 0.3056



59.0252, 0.3394, 0.3202



59.0252, 0.3508, 0.3373

Triad

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



59.0252, 0.3394, 0.3202



59.0252, 0.3241, 0.3637



59.0252, 0.2752, 0.3036

Complementary

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



59.0252, 0.3394, 0.3202



74.3230, 0.2913, 0.3380

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.



59.0252, 0.2760, 0.3187



59.0252, 0.3394, 0.3202



59.0252, 0.3038, 0.3542

Square

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



59.0252, 0.3394, 0.3202



59.0252, 0.3417, 0.3630



59.0252, 0.2864, 0.3374



59.0252, 0.2839, 0.2959

Rectangle

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



59.0252, 0.3394, 0.3202



59.0252, 0.3526, 0.3482



59.0252, 0.2864, 0.3374



59.0252, 0.2743, 0.3080

Sweetspot

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



59.0278, 0.3394, 0.3202



91.4939, 0.3195, 0.3265



59.2685, 0.3080, 0.2854



19.3373, 0.3205, 0.3262



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.



59.0278, 0.3394, 0.3202



68.0062, 0.3468, 0.3181



63.8388, 0.3438, 0.3416



14.4150, 0.3261, 0.3243



9.6503, 0.6068, 0.3117



0.7262, 0.5671, 0.2898

Inverse Universe

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



59.0278, 0.3394, 0.3202



68.0062, 0.3468, 0.3181



68.5839, 0.2861, 0.3160



14.4150, 0.3261, 0.3243



9.6503, 0.6068, 0.3117



0.7262, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 59.0252, 0.3394, 0.3202 looks on a white background.

Color Contrast Check

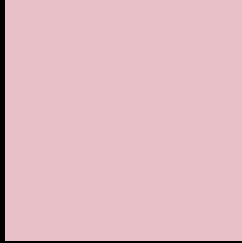
Large Text (above 18pt) WCAG AA × Fail

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 59.0252, 0.3394, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

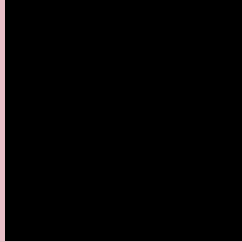
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0252, 0.3394, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 59.0252, 0.3394, 0.3202.



This preview shows how white text looks on a background with the Yxy color 59.0252, 0.3394, 0.3202.

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

59.0252, 0.3394, 0.3202

Protanopia

59.1602, 0.3129, 0.3243

Deuteranopia

59.2914, 0.3322, 0.3257



Tritanopia

59.0415, 0.3356, 0.3126

Trichromacy



Original Color

59.0252, 0.3394, 0.3202

Protanomaly

59.1470, 0.3225, 0.3233

Deuteranomaly

59.3225, 0.3348, 0.3246

Tritanomaly

58.9449, 0.3372, 0.3148

Monochromacy



Original Color

59.0252, 0.3394, 0.3202

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.0674, 0.3223, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0252, 0.3394, 0.3202 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(232, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(232, 192, 200)  
}
```

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(232, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 200) }
```

Border

The CSS property to change the border of an element to Yxy 59.0252, 0.3394, 0.3202 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(232, 192, 200) }
```

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

```
.border{ border-color:rgb(232, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0252, 0.3394, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 200) }
```

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

```
.background{ background-color: rgb(232,  
192, 200) }
```

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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