

Converting Colors

$Y_{xy}(59.8680, 0.3248, 0.3036)$

Have a look what the booklet for
Yxy(59.8680, 0.3248, 0.3036)
contains.

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Color

Yxy(59.9208, 0.3251, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	E6C1D8
RGB	230, 193, 216
RGB Percent	90%, 76%, 85%
CMY	0.0980, 0.2431, 0.1529
CMYK	0.00, 0.16, 0.06, 0.10
HSL	323°, 43%, 83%
HSV	323°, 16%, 90%
XYZ	64.1009, 59.9208, 73.1511
YIQ	206.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

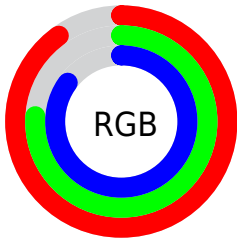
Format	Color
R_{YB}	230, 193, 216
Decimal	15122904
CIE _{Lab}	81.80, 16.94, -6.55
CIE _{LCh}	82, 18.168, 338.854
Yxy	59.9208, 0.3251, 0.3039
Android (android.graphics.Color)	4293312984 (0xFFE6C1D8)
YUV	206.6850, 4.5923, 20.4473
Hunter-Lab	77.4085, 12.3483, -1.8431

Details

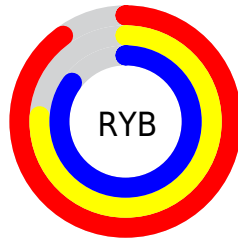
The Yxy color **59.9208, 0.3251, 0.3039** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4456, 0.3021, 0.3555**, and the grayscale version is **62.1488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.0371, 0.3282, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **50.0937, 0.3347, 0.2875**, and if you desaturate by 10%, it is **71.3586, 0.3170, 0.3197**.

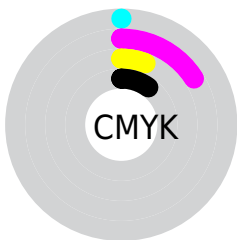
Distribution



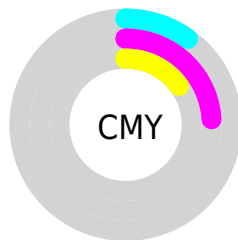
- Red (90%)
- Green (76%)
- Blue (85%)



- Red (90%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9208, 0.3251, 0.3039 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 59.9208, 0.3251, 0.3039 by changing the saturation by 10% instead.


 59.9208, 0.3251,
0.3039

 59.9208, 0.3251,
0.3039

424.3058, 0.3193,
0.3157

 43.3548, 0.3264,
0.3012

 104.7148, 0.3231,
0.3080

 30.1636, 0.3281,
0.2978


133.7115, 0.3223,
0.3096

 19.9628, 0.3303,
0.2934


167.6207, 0.3216,
0.3110

 12.3680, 0.3331,
0.2877

206.8266, 0.3210,
0.3122

 6.9948, 0.3370,
0.2797

251.7136, 0.3205,
0.3132

 3.4589, 0.3428,
0.2681

302.6663, 0.3201,

 1.3757, 0.3522,

0.3141

0.2492

360.0689, 0.3197,
0.3150

0.1987, 0.4083,
0.1347

0.0000, 0.0000,
0.0000

59.9208, 0.3251,
0.3039

59.9208, 0.3251,
0.3039

50.0937, 0.3347,
0.2875

71.3586, 0.3170,
0.3197

41.7961, 0.3459,
0.2711

84.4678, 0.3102,
0.3348

34.9517, 0.3589,
0.2554

94.7642, 0.3047,
0.3419

29.4744, 0.3735,
0.2412

95.3005, 0.2999,
0.3331

■ 25.2690, 0.3896,
0.2297

■ 95.5656, 0.2976,
0.3290

■ 22.2279, 0.4066,
0.2222

■ 20.2254, 0.4239,
0.2194

■ 19.1058, 0.4409,
0.2220

■ 18.8060, 0.4475,
0.2239

Harmonies

Analogous

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



59.9208, 0.3014, 0.2927



59.9208, 0.3251, 0.3039



59.9208, 0.3460, 0.3213

Triad

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



59.9208, 0.3251, 0.3039



59.9208, 0.3440, 0.3692



59.9208, 0.2696, 0.3142

Complementary

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



59.9208, 0.3251, 0.3039



72.4456, 0.3021, 0.3555

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.



59.9208, 0.2801, 0.3358



59.9208, 0.3251, 0.3039



59.9208, 0.3227, 0.3687

Square

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



59.9208, 0.3251, 0.3039



59.9208, 0.3571, 0.3587



59.9208, 0.2994, 0.3562



59.9208, 0.2700, 0.2978

Rectangle

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



59.9208, 0.3251, 0.3039



59.9208, 0.3553, 0.3345



59.9208, 0.2994, 0.3562



59.9208, 0.2719, 0.3211

Sweetspot

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



59.9234, 0.3251, 0.3039



91.8261, 0.3162, 0.3214



57.0581, 0.2966, 0.2870



19.4179, 0.3167, 0.3203



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.



59.9234, 0.3251, 0.3039



71.7620, 0.3278, 0.2990



59.0399, 0.3392, 0.3236



14.5178, 0.3196, 0.3145



10.6698, 0.4450, 0.2225



0.8064, 0.4220, 0.2099

Inverse Universe

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



59.9234, 0.3251, 0.3039



71.7620, 0.3278, 0.2990



73.3804, 0.2913, 0.3345



14.5178, 0.3196, 0.3145



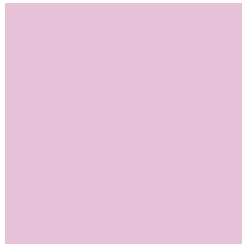
10.6698, 0.4450, 0.2225



0.8064, 0.4220, 0.2099

Previews

White Background



This preview shows how the Yxy color 59.9208, 0.3251, 0.3039 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 59.9208, 0.3251, 0.3039 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 59.9208, 0.3251, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 59.9208, 0.3251, 0.3039.



This preview shows how white text looks on a background with the Yxy color 59.9208, 0.3251, 0.3039.

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

59.9208, 0.3251, 0.3039

Protanopia

60.0715, 0.2988, 0.3059

Deuteranopia

60.1999, 0.3160, 0.3099



Tritanopia

59.8450, 0.3296, 0.3125

Trichromacy



Original Color

59.9208, 0.3251, 0.3039

Protanomaly

60.0112, 0.3077, 0.3052

Deuteranomaly

59.9157, 0.3192, 0.3079

Tritanomaly

59.9951, 0.3273, 0.3092

Monochromacy



Original Color

59.9208, 0.3251, 0.3039

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3413, 0.3170, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9208, 0.3251, 0.3039 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(230, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(230, 193, 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(230, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 193, 216) }
```

Border

The CSS property to change the border of an element to Yxy 59.9208, 0.3251, 0.3039 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(230, 193, 216) }
```

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

```
.border{ border-color:rgb(230, 193, 216) }
```

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

Here you see how a box with a 4 pixel rgb(230, 193, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(230, 193,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9208, 0.3251, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 193, 216) }
```

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

```
.background{ background-color: rgb(230,  
193, 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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