

Converting Colors

$Y_{xy}(38.1520, 0.3205, 0.3028)$

Have a look what the booklet for
Yxy(38.1520, 0.3205, 0.3028)
contains.

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Color

Yxy(37.9824, 0.3207, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	B99EB2
RGB	185, 158, 178
RGB Percent	73%, 62%, 70%
CMY	0.2745, 0.3804, 0.3021
CMYK	0.00, 0.15, 0.04, 0.27
HSL	316°, 16%, 67%
HSV	316°, 15%, 73%
XYZ	40.2676, 37.9824, 47.3116
YIQ	168.3530, 9.6720, 11.9440

Conversions

Conversions Part 2

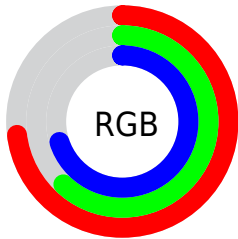
Format	Color
R_{YB}	185, 158, 178
Decimal	12164786
CIE _{Lab}	68.01, 13.43, -6.64
CIE _{LCh}	68, 14.980, 333.675
Yxy	37.9824, 0.3207, 0.3025
Android (android.graphics.Color)	4290354866 (0xFFB99EB2)
YUV	168.3530, 4.7560, 14.5994
Hunter-Lab	61.6299, 8.7758, -2.3745

Details

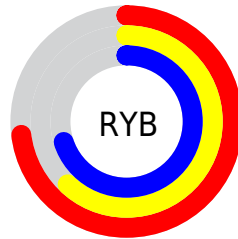
The Yxy color **37.9824, 0.3207, 0.3025** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6861, 0.3056, 0.3570**, and the grayscale version is **39.3132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2298, 0.3188, 0.3074**, and **16.9016, 0.3237, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **31.9501, 0.3273, 0.2836**, and if you desaturate by 10%, it is **44.9749, 0.3150, 0.3209**.

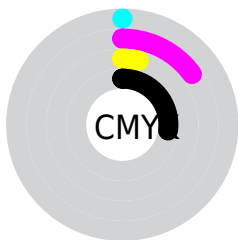
Distribution



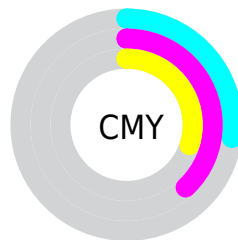
- Red (73%)
- Green (62%)
- Blue (70%)



- Red (73%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (27%)




- Cyan (27%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9824, 0.3207, 0.3025 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 37.9824, 0.3207, 0.3025 by changing the saturation by 10% instead.


 37.9824, 0.3207,
0.3025


 37.9824, 0.3207,
0.3025

337.5445, 0.3167,
0.3159

 25.9690, 0.3217,
0.2991


 72.0812, 0.3192,
0.3074

 16.8005, 0.3230,
0.2947


 94.9353, 0.3187,
0.3093

 10.0923, 0.3247,
0.2887

122.1719, 0.3182,
0.3108

 5.4602, 0.3271,
0.2803

154.1753, 0.3178,
0.3121

 2.5197, 0.3307,
0.2675

191.3298, 0.3175,
0.3133

 0.8865, 0.3366,
0.2456

234.0199, 0.3172,

 0.0000, 0.3450,

0.3143

0.0000

282.6300, 0.3169,
0.3152

0.0000, 0.0000,
0.0000

37.9824, 0.3207,
0.3025

37.9824, 0.3207,
0.3025

31.9501, 0.3273,
0.2836

44.9749, 0.3150,
0.3209

26.8306, 0.3349,
0.2647

52.9623, 0.3102,
0.3383

22.5800, 0.3434,
0.2464

61.9838, 0.3061,
0.3547

19.1488, 0.3528,
0.2297

72.0749, 0.3027,
0.3700

16.4824, 0.3629,
0.2155

83.2694, 0.2998,
0.3840

■ 14.5197, 0.3734,
0.2050

■ 86.3336, 0.2973,
0.3830

■ 13.1899, 0.3841,
0.1988

■ 86.5728, 0.2947,
0.3773

■ 12.4078, 0.3945,
0.1973

■ 86.8192, 0.2922,
0.3718

■ 12.1150, 0.4000,
0.1977

■ 87.0730, 0.2896,
0.3662

Harmonies

Analogous

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



37.9824, 0.2982, 0.2931



37.9824, 0.3207, 0.3025



37.9824, 0.3417, 0.3184

Triad

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



37.9824, 0.3207, 0.3025



37.9824, 0.3456, 0.3665



37.9824, 0.2723, 0.3182

Complementary

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



37.9824, 0.3207, 0.3025



44.6861, 0.3056, 0.3570

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.



37.9824, 0.2841, 0.3392



37.9824, 0.3207, 0.3025



37.9824, 0.3262, 0.3680

Square

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



37.9824, 0.3207, 0.3025



37.9824, 0.3563, 0.3550



37.9824, 0.3037, 0.3579



37.9824, 0.2708, 0.3012

Rectangle

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



37.9824, 0.3207, 0.3025



37.9824, 0.3517, 0.3310



37.9824, 0.3037, 0.3579



37.9824, 0.2751, 0.3250

Sweetspot

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



37.9841, 0.3207, 0.3025



81.2551, 0.3148, 0.3218



35.9327, 0.2956, 0.2914



17.2997, 0.3151, 0.3205



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9841, 0.3207, 0.3025



63.8301, 0.3230, 0.2955



37.4787, 0.3330, 0.3199



9.1217, 0.3176, 0.3122



8.2616, 0.3988, 0.1971



0.3008, 0.3747, 0.1838

Inverse Universe

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



37.9841, 0.3207, 0.3025



63.8301, 0.3230, 0.2955



45.1925, 0.2958, 0.3383



9.1217, 0.3176, 0.3122



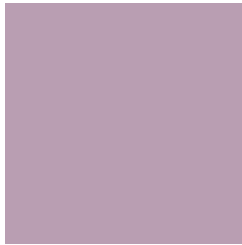
8.2616, 0.3988, 0.1971



0.3008, 0.3747, 0.1838

Previews

White Background



This preview shows how the Yxy color 37.9824, 0.3207, 0.3025 looks on a white background.

Color Contrast Check

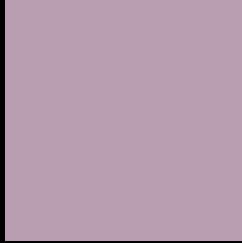
Large Text (above 18pt) WCAG AA × Fail

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 37.9824, 0.3207, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

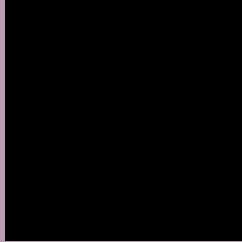
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9824, 0.3207, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 37.9824, 0.3207, 0.3025.



This preview shows how white text looks on a background with the Yxy color 37.9824, 0.3207, 0.3025.

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

37.9824, 0.3207, 0.3025

Protanopia

38.1802, 0.2975, 0.3053

Deuteranopia

38.0112, 0.3137, 0.3073



Tritanopia

37.9652, 0.3251, 0.3116

Trichromacy



Original Color

37.9824, 0.3207, 0.3025

Protanomaly

37.9475, 0.3056, 0.3030

Deuteranomaly

38.0192, 0.3166, 0.3061

Tritanomaly

38.0426, 0.3233, 0.3089

Monochromacy



Original Color

37.9824, 0.3207, 0.3025

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5281, 0.3151, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9824, 0.3207, 0.3025 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(185, 158, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 158, 178)  
}
```

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(185, 158, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 158, 178) }
```

Border

The CSS property to change the border of an element to Yxy 37.9824, 0.3207, 0.3025 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(185, 158, 178) }
```

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

```
.border{ border-color:rgb(185, 158, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 158, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 158, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 158, 178);  
box-shadow:4px 4px 4px 4px rgb(185, 158,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9824, 0.3207, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 158, 178) }
```

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

```
.background{ background-color: rgb(185,  
158, 178) }
```

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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