

Converting Colors

$Yxy(38.1475, 0.3207, 0.3012)$

Have a look what the booklet for
Yxy(38.1475, 0.3207, 0.3012)
contains.

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Color

Yxy(38.1475, 0.3207, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	BA9EB3
RGB	186, 158, 179
RGB Percent	73%, 62%, 70%
CMY	0.2706, 0.3804, 0.2979
CMYK	0.00, 0.15, 0.04, 0.27
HSL	315°, 17%, 67%
HSV	315°, 15%, 73%
XYZ	40.6172, 38.1475, 47.8870
YIQ	168.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

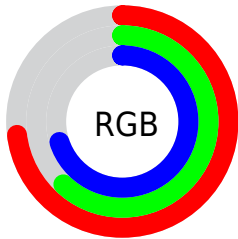
Format	Color
RYB	186, 158, 179
Decimal	12230323
CIELab	68.13, 13.99, -7.05
CIELCh	68, 15.660, 333.265
Yxy	38.1475, 0.3207, 0.3012
Android (android.graphics.Color)	4290420403 (0xFFBA9EB3)
YUV	168.7660, 5.0454, 15.1142
Hunter-Lab	61.7637, 9.2993, -2.7346

Details

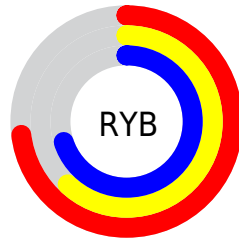
The Yxy color $38.1475, 0.3207, 0.3012$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $45.1061, 0.3056, 0.3585$, and the grayscale version is $39.5274, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.4639, 0.3189, 0.3064$, and $17.0083, 0.3238, 0.2946$ is the 20% darker color. If you saturate the color by 10%, you get $32.0922, 0.3271, 0.2820$, and if you desaturate by 10%, it is $45.1728, 0.3152, 0.3199$.

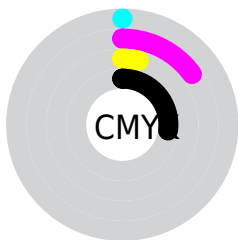
Distribution



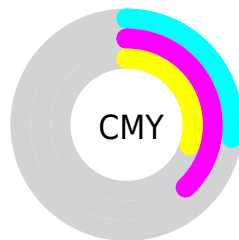
- Red (73%)
- Green (62%)
- Blue (70%)



- 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 38.1475, 0.3207, 0.3012 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 38.1475, 0.3207, 0.3012 by changing the saturation by 10% instead.


 38.1475, 0.3207,
0.3012


 38.1475, 0.3207,
0.3012


338.2523, 0.3167,
0.3153

 26.0972, 0.3217,
0.2976


 72.3342, 0.3193,
0.3064

 16.8964, 0.3230,
0.2930


 95.2393, 0.3187,
0.3083

 10.1606, 0.3247,
0.2868


122.5315, 0.3183,
0.3099

 5.5056, 0.3270,
0.2781

154.5952, 0.3179,
0.3113

 2.5469, 0.3305,
0.2648

191.8147, 0.3175,
0.3125

 0.9000, 0.3361,
0.2422

234.5744, 0.3172,


 0.0000, 0.3512,

0.3135

0.0000


283.2588, 0.3170,
0.3145


 0.0000, 0.0000,
0.0000


 38.1475, 0.3207,
0.3012


 38.1475, 0.3207,
0.3012


 32.0922, 0.3271,
0.2820


 45.1728, 0.3152,
0.3199


 26.9589, 0.3344,
0.2628


 53.2036, 0.3105,
0.3377

 22.7029, 0.3426,
0.2444

 62.2795, 0.3065,
0.3544

 19.2737, 0.3516,
0.2276

 72.4367, 0.3032,
0.3699

 16.6159, 0.3613,
0.2134

 83.7095, 0.3004,
0.3843

■ 14.6671, 0.3713,
0.2028

■ 86.4568, 0.2979,
0.3829

■ 13.3551, 0.3814,
0.1967

■ 86.6865, 0.2954,
0.3775

■ 12.5919, 0.3912,
0.1952

■ 86.9229, 0.2930,
0.3722

■ 12.3243, 0.3960,
0.1955

■ 87.1661, 0.2905,
0.3669

Harmonies

Analogous

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



38.1475, 0.2972, 0.2915



38.1475, 0.3207, 0.3012



38.1475, 0.3427, 0.3177

Triad

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



38.1475, 0.3207, 0.3012



38.1475, 0.3473, 0.3681



38.1475, 0.2706, 0.3180

Complementary

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



38.1475, 0.3207, 0.3012



45.1061, 0.3056, 0.3585

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.



38.1475, 0.2831, 0.3399



38.1475, 0.3207, 0.3012



38.1475, 0.3271, 0.3698

Square

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



38.1475, 0.3207, 0.3012



38.1475, 0.3583, 0.3558



38.1475, 0.3036, 0.3594



38.1475, 0.2690, 0.3002

Rectangle

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



38.1475, 0.3207, 0.3012



38.1475, 0.3533, 0.3307



38.1475, 0.3036, 0.3594



38.1475, 0.2737, 0.3251

Sweetspot

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



38.1492, 0.3207, 0.3012



81.8375, 0.3152, 0.3198



35.9479, 0.2946, 0.2901



17.8111, 0.3156, 0.3185



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



38.1492, 0.3207, 0.3012



65.3968, 0.3227, 0.2950



37.6268, 0.3333, 0.3190



9.1235, 0.3174, 0.3120



8.3030, 0.3948, 0.1948



0.3020, 0.3720, 0.1823

Inverse Universe

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



38.1492, 0.3207, 0.3012



65.3968, 0.3227, 0.2950



45.6265, 0.2956, 0.3392



9.1235, 0.3174, 0.3120



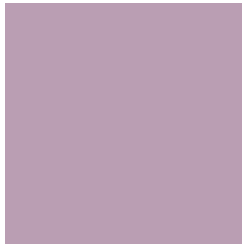
8.3030, 0.3948, 0.1948



0.3020, 0.3720, 0.1823

Previews

White Background



This preview shows how the Yxy color 38.1475, 0.3207, 0.3012 looks on a white background.

Color Contrast Check

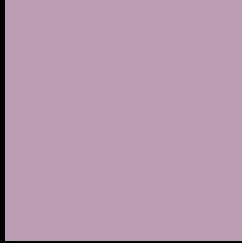
Large Text (above 18pt) WCAG AA × Fail

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 38.1475, 0.3207, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

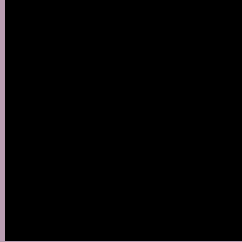
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1475, 0.3207, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 38.1475, 0.3207, 0.3012.



This preview shows how white text looks on a background with the Yxy color 38.1475, 0.3207, 0.3012.

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

38.1475, 0.3207, 0.3012

Protanopia

38.2217, 0.2967, 0.3040

Deuteranopia

38.0512, 0.3129, 0.3059



Tritanopia

38.0891, 0.3261, 0.3116

Trichromacy



Original Color

38.1475, 0.3207, 0.3012

Protanomaly

37.9887, 0.3047, 0.3017

Deuteranomaly

38.0593, 0.3157, 0.3048

Tritanomaly

38.2057, 0.3233, 0.3077

Monochromacy



Original Color

38.1475, 0.3207, 0.3012

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0414, 0.3151, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1475, 0.3207, 0.3012 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(186, 158, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 179)  
}
```

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(186, 158, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 179) }
```

Border

The CSS property to change the border of an element to Yxy 38.1475, 0.3207, 0.3012 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(186, 158, 179) }
```

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

```
.border{ border-color:rgb(186, 158, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1475, 0.3207, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 179) }
```

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

```
.background{ background-color: rgb(186,  
158, 179) }
```

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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