

Converting Colors

$Y_{xy}(41.1313, 0.3059, 0.3076)$

Have a look what the booklet for
Yxy(41.1313, 0.3059, 0.3076)
contains.

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Color

Yxy(41.1088, 0.3057, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	B0A9B9
RGB	176, 169, 185
RGB Percent	69%, 66%, 73%
CMY	0.3097, 0.3373, 0.2745
CMYK	0.05, 0.09, 0.00, 0.27
HSL	266°, 10%, 69%
HSV	266°, 9%, 73%
XYZ	40.8549, 41.1088, 51.6800
YIQ	172.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

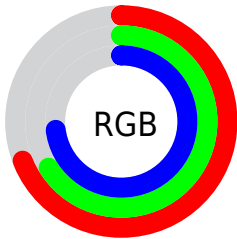
Format	Color
R_{YB}	176, 169, 185
Decimal	11577785
CIE Lab	70.25, 5.57, -7.30
CIE LCh	70, 9.181, 307.342
Yxy	41.1088, 0.3057, 0.3076
Android (android.graphics.Color)	4289767865 (0xFFB0A9B9)
YUV	172.9170, 5.9569, 2.7038
Hunter-Lab	64.1161, 1.5371, -2.9087

Details

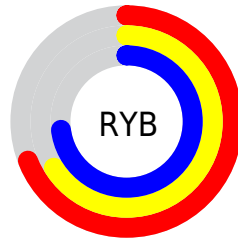
The Yxy color **41.1088, 0.3057, 0.3076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.0226, 0.3193, 0.3503**, and the grayscale version is **41.7171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8180, 0.3073, 0.3114**, and **18.5995, 0.3029, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **33.5450, 0.2963, 0.2808**, and if you desaturate by 10%, it is **49.7423, 0.3137, 0.3322**.

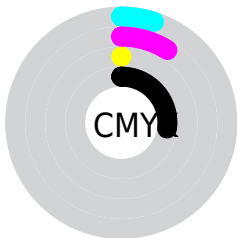
Distribution



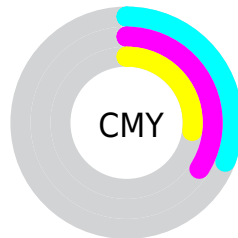
- Red (69%)
- Green (66%)
- Blue (73%)



- Red (69%)
- Yellow (66%)
- Blue (73%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)




- Cyan (31%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1088, 0.3057, 0.3076 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 41.1088, 0.3057, 0.3076 by changing the saturation by 10% instead.


 41.1088, 0.3057,
0.3076

 41.1088, 0.3057,
0.3076

350.7751, 0.3093,
0.3184

 28.4041, 0.3048,
0.3049


 76.8490, 0.3070,
0.3115

 18.6305, 0.3035,
0.3014


 100.6534, 0.3075,
0.3130

 11.4036, 0.3018,
0.2966


128.9263, 0.3080,
0.3143

 6.3390, 0.2994,
0.2900

162.0524, 0.3083,
0.3153

 3.0523, 0.2955,
0.2799

200.4159, 0.3086,
0.3163

 1.1591, 0.2887,
0.2630

244.4013, 0.3089,

 0.0279, 0.2222,

0.3171

0.0382

294.3929, 0.3091,
0.3178

0.0000, 0.0000,
0.0000

41.1088, 0.3057,
0.3076

41.1088, 0.3057,
0.3076

33.5450, 0.2963,
0.2808

49.7423, 0.3137,
0.3322

27.0028, 0.2856,
0.2522

59.4804, 0.3205,
0.3544

21.4384, 0.2735,
0.2222

70.3631, 0.3263,
0.3744

16.8025, 0.2602,
0.1920

82.4266, 0.3311,
0.3923

13.0415, 0.2461,
0.1627

91.4919, 0.3361,
0.4022

■ 10.0962, 0.2316,
0.1360

■ 93.2364, 0.3430,
0.4005

■ 7.8994, 0.2174,
0.1134

■ 95.0842, 0.3500,
0.3989

■ 6.3730, 0.2043,
0.0961

■ 96.2828, 0.3544,
0.3979

■ 5.3855, 0.1927,
0.0841

Harmonies

Analogous

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



41.1088, 0.2942, 0.3067



41.1088, 0.3057, 0.3076



41.1088, 0.3193, 0.3139

Triad

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



41.1088, 0.3057, 0.3076



41.1088, 0.3382, 0.3459



41.1088, 0.2944, 0.3337

Complementary

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



41.1088, 0.3057, 0.3076



47.0226, 0.3193, 0.3503

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.



41.1088, 0.3059, 0.3448



41.1088, 0.3057, 0.3076



41.1088, 0.3312, 0.3518

Square

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



41.1088, 0.3057, 0.3076



41.1088, 0.3383, 0.3357



41.1088, 0.3193, 0.3515



41.1088, 0.2878, 0.3214

Rectangle

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



41.1088, 0.3057, 0.3076



41.1088, 0.3277, 0.3204



41.1088, 0.3193, 0.3515



41.1088, 0.2978, 0.3377

Sweetspot

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



41.1106, 0.3057, 0.3076



82.0504, 0.3104, 0.3217



43.8035, 0.2995, 0.3196



17.4200, 0.3097, 0.3197



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.



41.1106, 0.3057, 0.3076



71.4599, 0.3044, 0.3037



42.0585, 0.3127, 0.3081



8.9075, 0.3051, 0.3059



3.6292, 0.1925, 0.0834



0.1647, 0.2228, 0.1001

Inverse Universe

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



41.9007, 0.3197, 0.3172



73.1122, 0.3210, 0.3151



46.1153, 0.3126, 0.3507



9.0942, 0.3203, 0.3163



7.7134, 0.4681, 0.2353



0.2841, 0.4205, 0.2090

Previews

White Background



This preview shows how the Yxy color 41.1088, 0.3057, 0.3076 looks on a white background.

Color Contrast Check

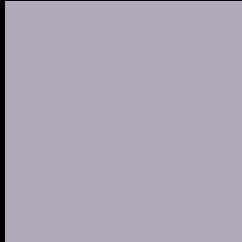
Large Text (above 18pt) WCAG AA × Fail

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 41.1088, 0.3057, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

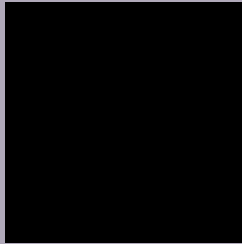
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1088, 0.3057, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 41.1088, 0.3057, 0.3076.



This preview shows how white text looks on a background with the Yxy color 41.1088, 0.3057, 0.3076.

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

41.1088, 0.3057, 0.3076

Protanopia

41.3289, 0.3005, 0.3087

Deuteranopia

41.0853, 0.3111, 0.3053



Tritanopia

41.0249, 0.3073, 0.3102

Trichromacy



Original Color

41.1088, 0.3057, 0.3076

Protanomaly

41.1789, 0.3022, 0.3075

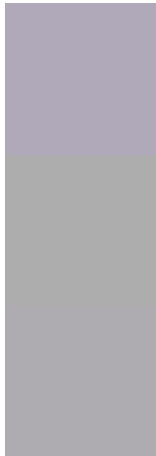
Deuteranomaly

41.2113, 0.3093, 0.3065

Tritanomaly

41.0667, 0.3065, 0.3089

Monochromacy



Original Color

41.1088, 0.3057, 0.3076

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6780, 0.3104, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1088, 0.3057, 0.3076 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(176, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 185)  
}
```

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(176, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.1088, 0.3057, 0.3076 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(176, 169, 185) }
```

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

```
.border{ border-color:rgb(176, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(176, 169,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1088, 0.3057, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 185) }
```

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

```
.background{ background-color: rgb(176,  
169, 185) }
```

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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