

Converting Colors

$Y_{xy}(40.6393, 0.3066, 0.3045)$

Have a look what the booklet for
Yxy(40.6393, 0.3066, 0.3045)
contains.

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Color

Yxy(40.6476, 0.3067, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	B2A7BA
RGB	178, 167, 186
RGB Percent	70%, 65%, 73%
CMY	0.3018, 0.3451, 0.2705
CMYK	0.04, 0.10, 0.00, 0.27
HSL	275°, 12%, 69%
HSV	275°, 10%, 73%
XYZ	41.0491, 40.6476, 52.1446
YIQ	172.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

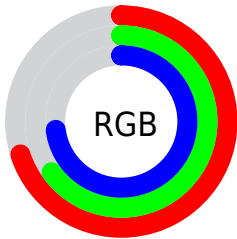
Format	Color
RYB	178, 167, 186
Decimal	11708346
CIELab	69.93, 7.56, -8.32
CIELCh	70, 11.245, 312.254
Yxy	40.6476, 0.3067, 0.3037
Android (android.graphics.Color)	4289898426 (0xFFB2A7BA)
YUV	172.4550, 6.6777, 4.8630
Hunter-Lab	63.7555, 3.3556, -3.8635

Details

The Yxy color $40.6476, 0.3067, 0.3037$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.0243, 0.3182, 0.3545$, and the grayscale version is $41.4662, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1458, 0.3081, 0.3084$, and $18.3149, 0.3042, 0.2960$ is the 20% darker color. If you saturate the color by 10%, you get $33.4205, 0.2998, 0.2772$, and if you desaturate by 10%, it is $48.9110, 0.3126, 0.3285$.

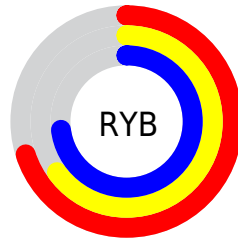
Distribution



Red (70%)

Green (65%)

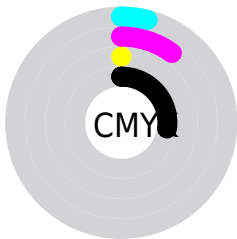
Blue (73%)



Red (70%)

Yellow (65%)

Blue (73%)

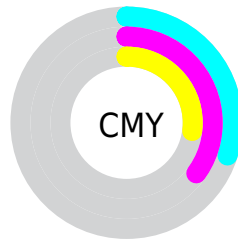


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6476, 0.3067, 0.3037 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 40.6476, 0.3067, 0.3037 by changing the saturation by 10% instead.

■ 40.6476, 0.3067,
0.3037

■ 40.6476, 0.3067,
0.3037

■ 348.8456, 0.3099,
0.3164

■ 28.0438, 0.3059,
0.3005

■ 76.1487, 0.3079,
0.3084

■ 18.3587, 0.3048,
0.2964

■ 99.8147, 0.3083,
0.3101

■ 11.2078, 0.3032,
0.2908

■ 127.9370, 0.3087,
0.3116

■ 6.2068, 0.3010,
0.2830

■ 160.8999, 0.3090,
0.3128

■ 2.9712, 0.2975,
0.2713

■ 199.0878, 0.3092,
0.3139

■ 1.1167, 0.2911,
0.2516

■ 242.8852, 0.3095,

■ 0.0000, 0.2360,

0.3149

0.0000

292.6763, 0.3097,
0.3157

0.0000, 0.0000,
0.0000

40.6476, 0.3067,
0.3037

40.6476, 0.3067,
0.3037

33.4205, 0.2998,
0.2772

48.9110, 0.3126,
0.3285

27.1819, 0.2918,
0.2493

58.2454, 0.3175,
0.3512

21.8880, 0.2827,
0.2208

68.6904, 0.3216,
0.3719

17.4897, 0.2726,
0.1927

80.2820, 0.3250,
0.3906

13.9331, 0.2618,
0.1661

89.8236, 0.3285,
0.4028

■ 11.1587, 0.2506,
0.1424

■ 91.0477, 0.3336,
0.4016

■ 9.0984, 0.2394,
0.1227

■ 92.3290, 0.3387,
0.4004

■ 7.6722, 0.2287,
0.1081

■ 93.6684, 0.3439,
0.3992

■ 6.7347, 0.2189,
0.0980

■ 95.0665, 0.3492,
0.3979

Harmonies

Analogous

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



40.6476, 0.2920, 0.3013



40.6476, 0.3067, 0.3037



40.6476, 0.3234, 0.3124

Triad

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



40.6476, 0.3067, 0.3037



40.6476, 0.3433, 0.3513



40.6476, 0.2884, 0.3322

Complementary

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



40.6476, 0.3067, 0.3037



47.0243, 0.3182, 0.3545

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.



40.6476, 0.3017, 0.3466



40.6476, 0.3067, 0.3037



40.6476, 0.3334, 0.3576

Square

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



40.6476, 0.3067, 0.3037



40.6476, 0.3448, 0.3394



40.6476, 0.3181, 0.3560



40.6476, 0.2817, 0.3173

Rectangle

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



40.6476, 0.3067, 0.3037



40.6476, 0.3333, 0.3206



40.6476, 0.3181, 0.3560



40.6476, 0.2922, 0.3372

Sweetspot

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



40.6493, 0.3067, 0.3037



84.2185, 0.3110, 0.3217



42.5118, 0.2971, 0.3143



18.2733, 0.3106, 0.3197



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.



40.6493, 0.3067, 0.3037



70.9378, 0.3054, 0.2986



41.5672, 0.3150, 0.3059



8.9700, 0.3073, 0.3060



4.5749, 0.2201, 0.0986



0.1968, 0.2461, 0.1129

Inverse Universe

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



41.1690, 0.3234, 0.3185



72.0571, 0.3257, 0.3164



46.1756, 0.3105, 0.3533



9.0730, 0.3224, 0.3195



7.4074, 0.5267, 0.2675



0.2735, 0.4608, 0.2312

Previews

White Background



This preview shows how the Yxy color 40.6476, 0.3067, 0.3037 looks on a white background.

Color Contrast Check

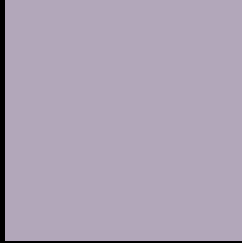
Large Text (above 18pt) WCAG AA × Fail

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 40.6476, 0.3067, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

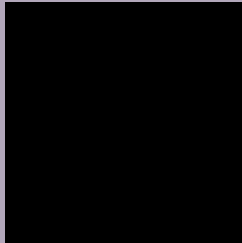
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6476, 0.3067, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 40.6476, 0.3067, 0.3037.



This preview shows how white text looks on a background with the Yxy color 40.6476, 0.3067, 0.3037.

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

40.6476, 0.3067, 0.3037

Protanopia

40.8153, 0.2972, 0.3046

Deuteranopia

40.5209, 0.3085, 0.3025



Tritanopia

40.6886, 0.3099, 0.3116

Trichromacy



Original Color

40.6476, 0.3067, 0.3037

Protanomaly

40.7344, 0.3005, 0.3048

Deuteranomaly

40.4013, 0.3076, 0.3025

Tritanomaly

40.7713, 0.3082, 0.3089

Monochromacy



Original Color

40.6476, 0.3067, 0.3037

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9224, 0.3105, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6476, 0.3067, 0.3037 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(178, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 186)  
}
```

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(178, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.6476, 0.3067, 0.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

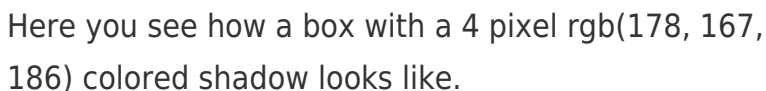
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 167, 186) }
```

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

```
.border{ border-color:rgb(178, 167, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6476, 0.3067, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 186) }
```

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

```
.background{ background-color: rgb(178,  
167, 186) }
```

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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