

Converting Colors

$Y_{xy}(41.6764, 0.3122, 0.3070)$

Have a look what the booklet for
Yxy(41.6764, 0.3122, 0.3070)
contains.

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Color

Yxy(41.5753, 0.3120, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	B7A8B9
RGB	183, 168, 185
RGB Percent	72%, 66%, 73%
CMY	0.2822, 0.3412, 0.2746
CMYK	0.01, 0.09, 0.00, 0.27
HSL	293°, 11%, 69%
HSV	293°, 9%, 73%
XYZ	42.2938, 41.5753, 51.6878
YIQ	174.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

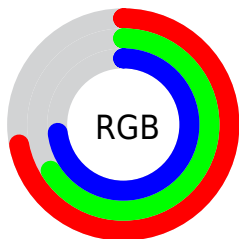
Format	Color
R_{YB}	183, 168, 185
Decimal	12036281
CIE _{Lab}	70.58, 8.55, -6.75
CIE _{LCh}	71, 10.888, 321.714
Yxy	41.5753, 0.3120, 0.3067
Android (android.graphics.Color)	4290226361 (0xFFB7A8B9)
YUV	174.4230, 5.2145, 7.5220
Hunter-Lab	64.4789, 4.2457, -2.3931

Details

The Yxy color $41.5753, 0.3120, 0.3067$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.0597, 0.3133, 0.3521$, and the grayscale version is $42.5304, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4769, 0.3122, 0.3106$, and $18.9026, 0.3115, 0.3002$ is the 20% darker color. If you saturate the color by 10%, you get $34.9677, 0.3110, 0.2816$, and if you desaturate by 10%, it is $49.1620, 0.3128, 0.3309$.

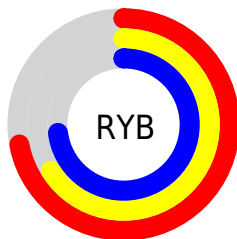
Distribution



Red (72%)

Green (66%)

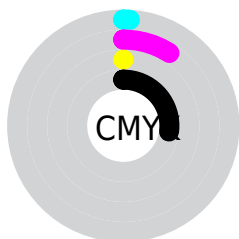
Blue (73%)



Red (72%)

Yellow (66%)

Blue (73%)

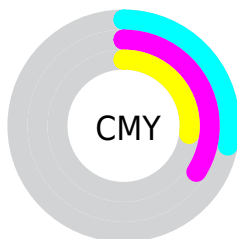


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5753, 0.3120, 0.3067 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 41.5753, 0.3120, 0.3067 by changing the saturation by 10% instead.

■ 41.5753, 0.3120,
0.3067

■ 41.5753, 0.3120,
0.3067

352.7194, 0.3124,
0.3179

■ 28.7689, 0.3119,
0.3039

■ 77.5565, 0.3122,
0.3108

■ 18.9061, 0.3117,
0.3003

■ 101.5000, 0.3122,
0.3123

■ 11.6024, 0.3114,
0.2954

129.9247, 0.3123,
0.3136

■ 6.4736, 0.3109,
0.2887

163.2149, 0.3123,
0.3147

■ 3.1351, 0.3101,
0.2785

201.7551, 0.3124,
0.3157

■ 1.2027, 0.3085,
0.2615

245.9297, 0.3124,


■ 0.0639, 0.3080,


0.3165

0.0731


296.1229, 0.3124,
0.3172


 0.0000, 0.0000,
0.0000


 41.5753, 0.3120,
0.3067


 41.5753, 0.3120,
0.3067


 34.9677, 0.3110,
0.2816


 49.1620, 0.3128,
0.3309

 29.2931, 0.3096,
0.2561


 57.7610, 0.3133,
0.3538

 24.5095, 0.3079,
0.2311

 67.4102, 0.3136,
0.3751

 20.5696, 0.3059,
0.2074

 78.1443, 0.3138,
0.3947

 17.4220, 0.3036,
0.1861

 86.4450, 0.3142,
0.4074

■ 15.0092, 0.3010,
0.1682

■ 86.7271, 0.3155,
0.4071

■ 13.2664, 0.2982,
0.1542

■ 87.0132, 0.3168,
0.4068

■ 12.1170, 0.2953,
0.1446

■ 87.3033, 0.3182,
0.4065

■ 11.4217, 0.2924,
0.1387

■ 87.5975, 0.3195,
0.4062

Harmonies

Analogous

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



41.5753, 0.2968, 0.3024



41.5753, 0.3120, 0.3067



41.5753, 0.3277, 0.3166

Triad

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



41.5753, 0.3120, 0.3067



41.5753, 0.3398, 0.3531



41.5753, 0.2865, 0.3274

Complementary

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



41.5753, 0.3120, 0.3067



46.0597, 0.3133, 0.3521

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.



41.5753, 0.2976, 0.3418



41.5753, 0.3120, 0.3067



41.5753, 0.3283, 0.3569

Square

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



41.5753, 0.3120, 0.3067



41.5753, 0.3440, 0.3430



41.5753, 0.3128, 0.3528



41.5753, 0.2824, 0.3138

Rectangle

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



41.5753, 0.3120, 0.3067



41.5753, 0.3363, 0.3252



41.5753, 0.3128, 0.3528



41.5753, 0.2895, 0.3323

Sweetspot

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



41.5771, 0.3120, 0.3067



82.6027, 0.3125, 0.3217



40.5667, 0.2987, 0.3085



17.5699, 0.3124, 0.3198



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.



41.5771, 0.3120, 0.3067



71.9785, 0.3118, 0.3018



41.5490, 0.3193, 0.3152



9.1091, 0.3120, 0.3063



7.7637, 0.2925, 0.1385



0.2886, 0.3003, 0.1428

Inverse Universe

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



41.2156, 0.3268, 0.3264



71.2053, 0.3302, 0.3259



46.0931, 0.3066, 0.3432



9.0285, 0.3270, 0.3264



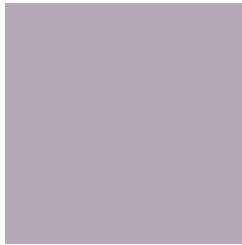
7.0663, 0.6241, 0.3211



0.2546, 0.5737, 0.2934

Previews

White Background



This preview shows how the Yxy color 41.5753, 0.3120, 0.3067 looks on a white background.

Color Contrast Check

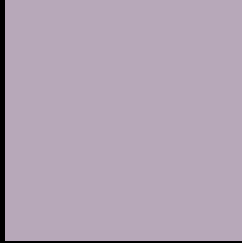
Large Text (above 18pt) WCAG AA × Fail

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 41.5753, 0.3120, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

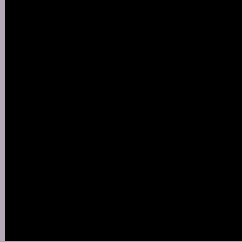
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5753, 0.3120, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 41.5753, 0.3120, 0.3067.



This preview shows how white text looks on a background with the Yxy color 41.5753, 0.3120, 0.3067.

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

41.5753, 0.3120, 0.3067

Protanopia

41.8636, 0.3005, 0.3089

Deuteranopia

41.6984, 0.3129, 0.3068



Tritanopia

41.8206, 0.3144, 0.3119

Trichromacy



Original Color

41.5753, 0.3120, 0.3067

Protanomaly

41.9011, 0.3048, 0.3090

Deuteranomaly

41.6984, 0.3129, 0.3068

Tritanomaly

41.8621, 0.3136, 0.3106

Monochromacy



Original Color

41.5753, 0.3120, 0.3067

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0665, 0.3122, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5753, 0.3120, 0.3067 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(183, 168, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 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(183, 168, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.5753, 0.3120, 0.3067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

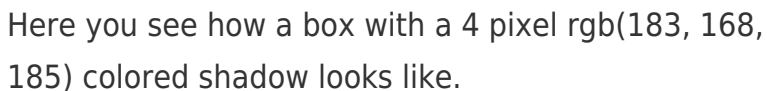
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 168, 185) }
```

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

```
.border{ border-color:rgb(183, 168, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 168, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 168, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 168, 185); box-shadow:4px 4px 4px 4px rgb(183, 168, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5753, 0.3120, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 185) }
```

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

```
.background{ background-color: rgb(183,  
168, 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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