

Converting Colors

$Y_{xy}(17.0586, 0.3023, 0.1664)$

Have a look what the booklet for
Yxy(17.0586, 0.3023, 0.1664)
contains.

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Color

Yxy(17.0024, 0.3017, 0.1661)

Conversions

Conversions Part 1

Format	Color
Hex	B63AC5
RGB	182, 58, 197
RGB Percent	71%, 23%, 77%
CMY	0.2863, 0.7725, 0.2275
CMYK	0.08, 0.71, 0.00, 0.23
HSL	294°, 55%, 50%
HSV	294°, 71%, 77%
XYZ	30.8827, 17.0024, 54.4773
YIQ	110.9220, 29.2850, 69.5170

Conversions

Conversions Part 2

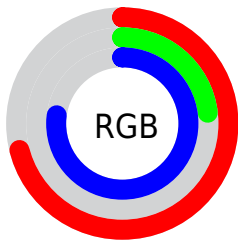
Format	Color
R_{YB}	182, 58, 197
Decimal	11942597
CIE _{Lab}	48.26, 66.74, -47.98
CIE _{LCh}	48, 82.197, 324.291
Yxy	17.0024, 0.3017, 0.1661
Android (android.graphics.Color)	4290132677 (0xFFB63AC5)
YUV	110.9220, 42.4365, 62.3354
Hunter-Lab	41.2340, 61.5306, -49.4687

Details

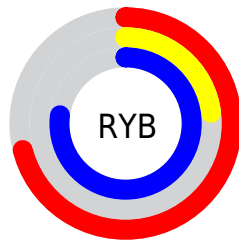
The Yxy color **17.0024, 0.3017, 0.1661** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **41.6546, 0.3092, 0.5485**, and the grayscale version is **15.7418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3473, 0.3071, 0.1949**, and **6.3130, 0.2915, 0.1380** is the 20% darker color. If you saturate the color by 10%, you get **15.1255, 0.2991, 0.1530**, and if you desaturate by 10%, it is **19.6442, 0.3041, 0.1834**.

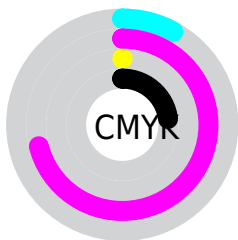
Distribution



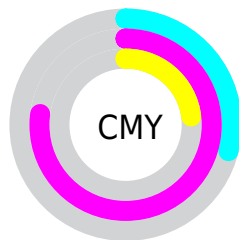
- Red (71%)
- Green (23%)
- Blue (77%)



- Red (71%)
- Yellow (23%)
- Blue (77%)



- Cyan (8%)
- Magenta (71%)
- Yellow (0%)
- Black (23%)




- Cyan (29%)
- Magenta (77%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0024, 0.3017, 0.1661 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 17.0024, 0.3017, 0.1661 by changing the saturation by 10% instead.


 17.0024, 0.3017,
0.1661


 17.0024, 0.3017,
0.1661


235.1862, 0.3121,
0.2465


 10.2362, 0.2973,
0.1473


 38.3299, 0.3068,
0.1946

 5.5558, 0.2907,
0.1244


 53.6600, 0.3083,
0.2055


 2.5769, 0.2800,
0.0963


 72.6135, 0.3094,
0.2149

 0.9151, 0.2619,
0.0627

 95.5748, 0.3103,
0.2229

 0.0000, 0.2356,
0.0000

 122.9284, 0.3109,
0.2300

 0.0000, 0.1461,
0.0000

155.0585, 0.3114,

 0.0000, 0.0000,

0.2362

0.0000

192.3497, 0.3118,
0.2416

■ 17.0024, 0.3017,
0.1661

■ 17.0024, 0.3017,
0.1661

■ 15.1255, 0.2991,
0.1530

■ 19.6442, 0.3041,
0.1834

■ 13.9193, 0.2964,
0.1442

■ 23.1263, 0.3063,
0.2041

■ 13.2316, 0.2938,
0.1392

■ 27.5176, 0.3082,
0.2275

■ 32.8790, 0.3098,
0.2524

■ 39.2665, 0.3110,
0.2779

■ 46.7314, 0.3120,
0.3032

■ 55.3219, 0.3127,
0.3277

■ 65.0832, 0.3131,
0.3509

■ 76.0578, 0.3134,
0.3725

Harmonies

Analogous

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



17.0024, 0.1797, 0.1339



17.0024, 0.3017, 0.1661



17.0024, 0.4680, 0.2266

Triad

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



17.0024, 0.3017, 0.1661



17.0024, 0.5077, 0.4895



17.0024, 0.0974, 0.2639

Complementary

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



17.0024, 0.3017, 0.1661



41.6546, 0.3092, 0.5485

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.



17.0024, 0.1514, 0.4550



17.0024, 0.3017, 0.1661



17.0024, 0.3835, 0.5962

Square

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



17.0024, 0.3017, 0.1661



17.0024, 0.5896, 0.3841



17.0024, 0.2575, 0.6195



17.0024, 0.0893, 0.1662

Rectangle

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



17.0024, 0.3017, 0.1661



17.0024, 0.5601, 0.2761



17.0024, 0.2575, 0.6195



17.0024, 0.1092, 0.3178

Sweetspot

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



17.0031, 0.3017, 0.1661



69.3840, 0.3109, 0.2759



9.8578, 0.1829, 0.1262



14.1325, 0.3106, 0.2688



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



17.0031, 0.3017, 0.1661



25.7135, 0.2975, 0.1474



16.9018, 0.3970, 0.2271



10.7563, 0.3121, 0.3061



8.7251, 0.2941, 0.1394



0.4302, 0.3001, 0.1427

Inverse Universe

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



15.3778, 0.5250, 0.3136



23.0061, 0.5904, 0.3173



41.9862, 0.2779, 0.4744



10.6552, 0.3273, 0.3265



7.8501, 0.6259, 0.3221



0.3781, 0.5854, 0.2999

Previews

White Background



This preview shows how the Yxy color 17.0024, 0.3017, 0.1661 looks on a white background.

Color Contrast Check

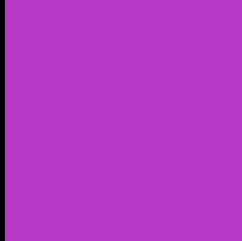
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.0024, 0.3017, 0.1661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

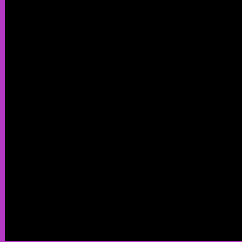
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0024, 0.3017, 0.1661

Background



This preview shows how black text looks on a background with the Yxy color 17.0024, 0.3017, 0.1661.



This preview shows how white text looks on a background with the Yxy color 17.0024, 0.3017, 0.1661.

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

17.0024, 0.3017, 0.1661

Protanopia

17.4250, 0.1737, 0.1454

Deuteranopia

17.4237, 0.2093, 0.2043



Tritanopia

16.9101, 0.4244, 0.3187

Trichromacy



Original Color

17.0024, 0.3017, 0.1661



Protanomaly

14.0865, 0.1849, 0.1352



Deuteranomaly

15.3255, 0.2316, 0.1770



Tritanomaly

16.3119, 0.3762, 0.2499

Monochromacy



Original Color

17.0024, 0.3017, 0.1661



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

14.9257, 0.3098, 0.2430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0024, 0.3017, 0.1661 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(182, 58, 197)` looks like.

```
.text, #text, p{  
    color:rgb(182, 58, 197)  
}
```

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(182, 58, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 58, 197) }
```

Border

The CSS property to change the border of an element to Yxy 17.0024, 0.3017, 0.1661 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(182, 58, 197) }
```

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

```
.border{ border-color:rgb(182, 58, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 58, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 58, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 58, 197);  
box-shadow:4px 4px 4px 4px rgb(182, 58,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0024, 0.3017, 0.1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 58, 197) }
```

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

```
.background{ background-color: rgb(182, 58,  
197) }
```

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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