

Converting Colors

$Yxy(43.4987, 0.3025, 0.3067)$

Have a look what the booklet for
Yxy(43.4987, 0.3025, 0.3067)
contains.

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Color

Yxy(43.4987, 0.3025, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	B2AEBF
RGB	178, 174, 191
RGB Percent	70%, 68%, 75%
CMY	0.3019, 0.3177, 0.2510
CMYK	0.07, 0.09, 0.00, 0.25
HSL	254°, 12%, 72%
HSV	254°, 9%, 75%
XYZ	42.9030, 43.4987, 55.4264
YIQ	177.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

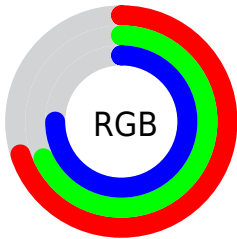
Format	Color
RYB	178, 174, 191
Decimal	11710143
CIELab	71.89, 4.70, -8.15
CIELCh	72, 9.412, 299.975
Yxy	43.4987, 0.3025, 0.3067
Android (android.graphics.Color)	4289900223 (0xFFB2AEBF)
YUV	177.1340, 6.8359, 0.7595
Hunter-Lab	65.9535, 0.6962, -3.6590

Details

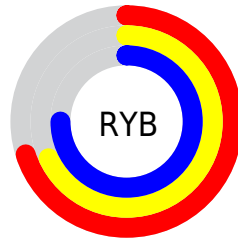
The Yxy color $43.4987, 0.3025, 0.3067$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $50.8821, 0.3224, 0.3508$, and the grayscale version is $44.0072, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.2464, 0.3048, 0.3106$, and $20.1140, 0.2986, 0.3002$ is the 20% darker color. If you saturate the color by 10%, you get $35.0028, 0.2894, 0.2790$, and if you desaturate by 10%, it is $53.2312, 0.3139, 0.3316$.

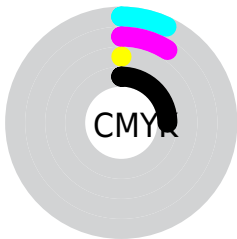
Distribution



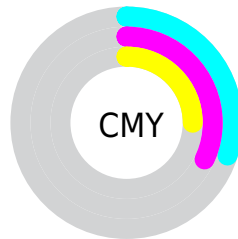
- Red (70%)
- Green (68%)
- Blue (75%)



- Red (70%)
- Yellow (68%)
- Blue (75%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4987, 0.3025, 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 43.4987, 0.3025, 0.3067 by changing the saturation by 10% instead.

■ 43.4987, 0.3025,
0.3067

■ 43.4987, 0.3025,
0.3067

360.6587, 0.3077,
0.3179

■ 30.2766, 0.3012,
0.3039

■ 80.4629, 0.3044,
0.3108

■ 20.0486, 0.2994,
0.3003

104.9737, 0.3051,
0.3123

■ 12.4304, 0.2971,
0.2956

134.0163, 0.3057,
0.3136

■ 7.0375, 0.2938,
0.2889

167.9750, 0.3062,
0.3147

■ 3.4856, 0.2887,
0.2790

207.2342, 0.3067,
0.3156

■ 1.3902, 0.2800,
0.2626

252.1783, 0.3071,

■ 0.2095, 0.2375,

0.3165

0.1585

303.1916, 0.3074,
0.3172

0.0000, 0.0000,
0.0000

43.4987, 0.3025,
0.3067

43.4987, 0.3025,
0.3067

35.0028, 0.2894,
0.2790

53.2312, 0.3139,
0.3316

27.6882, 0.2745,
0.2489

64.2417, 0.3237,
0.3537

21.5035, 0.2581,
0.2168

76.5764, 0.3320,
0.3732

16.3915, 0.2404,
0.1839

90.2777, 0.3391,
0.3903

12.2897, 0.2222,
0.1517

95.7821, 0.3481,
0.3925

■ 9.1292, 0.2044,
0.1223

■ 96.5417, 0.3508,
0.3919

■ 6.8321, 0.1881,
0.0977

■ 5.3076, 0.1744,
0.0797

■ 4.4053, 0.1639,
0.0682

Harmonies

Analogous

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



43.4987, 0.2920, 0.3072



43.4987, 0.3025, 0.3067



43.4987, 0.3159, 0.3118

Triad

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



43.4987, 0.3025, 0.3067



43.4987, 0.3391, 0.3438



43.4987, 0.2967, 0.3367

Complementary

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



43.4987, 0.3025, 0.3067



50.8821, 0.3224, 0.3508

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.



43.4987, 0.3091, 0.3471



43.4987, 0.3025, 0.3067



43.4987, 0.3337, 0.3510

Square

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



43.4987, 0.3025, 0.3067



43.4987, 0.3373, 0.3329



43.4987, 0.3226, 0.3524



43.4987, 0.2887, 0.3243

Rectangle

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



43.4987, 0.3025, 0.3067



43.4987, 0.3248, 0.3178



43.4987, 0.3226, 0.3524



43.4987, 0.3005, 0.3406

Sweetspot

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



43.5005, 0.3025, 0.3067



87.8369, 0.3094, 0.3216



48.3162, 0.2991, 0.3238



18.9754, 0.3084, 0.3196



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.5005, 0.3025, 0.3067



74.2589, 0.2997, 0.3007



44.5315, 0.3098, 0.3072



9.3313, 0.3020, 0.3055



2.8720, 0.1640, 0.0677



0.1435, 0.1895, 0.0818

Inverse Universe

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



44.9358, 0.3170, 0.3125



77.4447, 0.3182, 0.3082



49.8473, 0.3154, 0.3513



9.6567, 0.3173, 0.3116



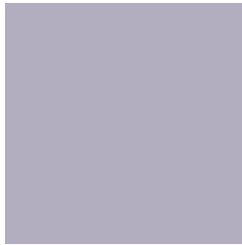
8.6534, 0.3905, 0.1925



0.3485, 0.3706, 0.1815

Previews

White Background



This preview shows how the Yxy color 43.4987, 0.3025, 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 43.4987, 0.3025, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

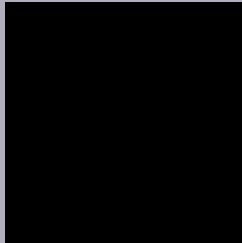
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

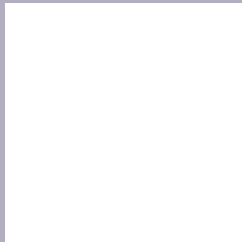
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4987, 0.3025, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 43.4987, 0.3025, 0.3067.

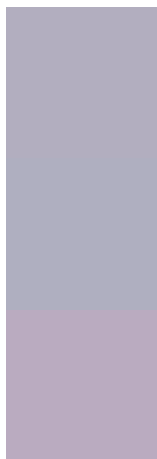


This preview shows how white text looks on a background with the Yxy color 43.4987, 0.3025, 0.3067.

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

43.4987, 0.3025, 0.3067

Protanopia

43.5797, 0.2992, 0.3066

Deuteranopia

43.3707, 0.3087, 0.3020



Tritanopia

43.3679, 0.3049, 0.3106

Trichromacy



Original Color

43.4987, 0.3025, 0.3067

Protanomaly

43.6958, 0.3000, 0.3066

Deuteranomaly

43.3781, 0.3060, 0.3031

Tritanomaly

43.4112, 0.3041, 0.3093

Monochromacy



Original Color

43.4987, 0.3025, 0.3067

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7752, 0.3087, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4987, 0.3025, 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(178, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 191)  
}
```

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, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 191) }
```

Border

The CSS property to change the border of an element to Yxy 43.4987, 0.3025, 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(178, 174, 191) }
```

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

```
.border{ border-color:rgb(178, 174, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4987, 0.3025, 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(178, 174, 191) }
```

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

```
.background{ background-color: rgb(178,  
174, 191) }
```

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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