

Converting Colors

$Yxy(35.1449, 0.3146, 0.2982)$

Have a look what the booklet for
Yxy(35.1449, 0.3146, 0.2982)
contains.

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Color

Yxy(35.1077, 0.3151, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	B099AF
RGB	176, 153, 175
RGB Percent	69%, 60%, 69%
CMY	0.3098, 0.4000, 0.3136
CMYK	0.00, 0.13, 0.01, 0.31
HSL	303°, 13%, 65%
HSV	303°, 13%, 69%
XYZ	37.0353, 35.1077, 45.3920
YIQ	162.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

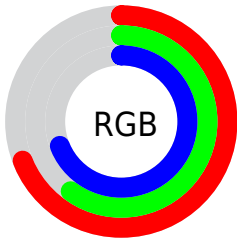
Format	Color
R _Y B	176, 153, 175
Decimal	11573679
CIE Lab	65.83, 12.47, -8.32
CIE LCh	66, 14.991, 326.306
Yxy	35.1077, 0.3151, 0.2987
Android (android.graphics.Color)	4289763759 (0xFFB099AF)
YUV	162.3850, 6.2192, 11.9404
Hunter-Lab	59.2518, 7.8808, -3.9451

Details

The Yxy color $35.1077, 0.3151, 0.2987$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.1564, 0.3103, 0.3613$, and the grayscale version is $36.2903, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.5510, 0.3147, 0.3036$, and $15.1438, 0.3146, 0.2888$ is the 20% darker color. If you saturate the color by 10%, you get $29.7370, 0.3171, 0.2750$, and if you desaturate by 10%, it is $41.3314, 0.3133, 0.3220$.

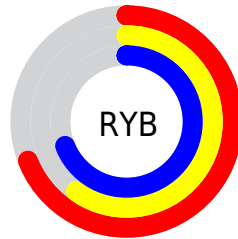
Distribution



Red (69%)

Green (60%)

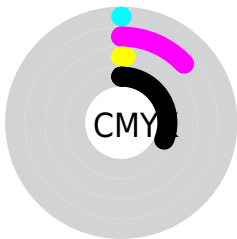
Blue (69%)



Red (69%)

Yellow (60%)

Blue (69%)

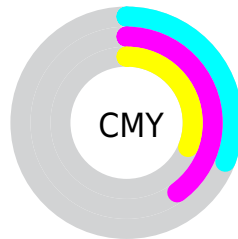


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (40%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1077, 0.3151, 0.2987 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 35.1077, 0.3151, 0.2987 by changing the saturation by 10% instead.


 35.1077, 0.3151,
0.2987

 35.1077, 0.3151,
0.2987


325.0435, 0.3140,
0.3142

 23.7458, 0.3153,
0.2947


 67.6526, 0.3147,
0.3044

 15.1452, 0.3156,
0.2895


 89.6044, 0.3146,
0.3066

 8.9214, 0.3160,
0.2824


115.8550, 0.3145,
0.3083

 4.6899, 0.3163,
0.2723

146.7888, 0.3143,
0.3099

 2.0665, 0.3167,
0.2566

182.7901, 0.3142,
0.3112

 0.6457, 0.3188,
0.2236

224.2434, 0.3142,

 0.0000, 0.0000,

0.3123

0.0000

271.5331, 0.3141,
0.3133

■ 35.1077, 0.3151,
0.2987

■ 35.1077, 0.3151,
0.2987

■ 29.7370, 0.3171,
0.2750

■ 41.3314, 0.3133,
0.3220

■ 25.1776, 0.3192,
0.2515

■ 48.4384, 0.3116,
0.3444

■ 21.3914, 0.3214,
0.2291

■ 56.4629, 0.3100,
0.3655

■ 18.3351, 0.3235,
0.2088

■ 65.4362, 0.3087,
0.3852

■ 15.9614, 0.3256,
0.1913

■ 75.3880, 0.3075,
0.4033

■ 14.2173, 0.3276,
0.1775

■ 84.0264, 0.3066,
0.4165

■ 13.0421, 0.3294,
0.1678

■ 84.0570, 0.3062,
0.4156

■ 12.3632, 0.3309,
0.1623

■ 84.0877, 0.3058,
0.4147

■ 12.0759, 0.3318,
0.1602

■ 84.1187, 0.3054,
0.4138

Harmonies

Analogous

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



35.1077, 0.2926, 0.2911



35.1077, 0.3151, 0.2987



35.1077, 0.3377, 0.3137

Triad

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



35.1077, 0.3151, 0.2987



35.1077, 0.3502, 0.3655



35.1077, 0.2732, 0.3230

Complementary

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



35.1077, 0.3151, 0.2987



40.1564, 0.3103, 0.3613

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.



35.1077, 0.2877, 0.3447



35.1077, 0.3151, 0.2987



35.1077, 0.3320, 0.3698

Square

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



35.1077, 0.3151, 0.2987



35.1077, 0.3584, 0.3516



35.1077, 0.3091, 0.3622



35.1077, 0.2690, 0.3041

Rectangle

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



35.1077, 0.3151, 0.2987



35.1077, 0.3495, 0.3262



35.1077, 0.3091, 0.3622



35.1077, 0.2770, 0.3302

Sweetspot

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



35.1092, 0.3151, 0.2987



73.7581, 0.3134, 0.3197



32.7649, 0.2930, 0.2953



15.7943, 0.3136, 0.3180



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.1092, 0.3151, 0.2987



60.3808, 0.3157, 0.2911



34.6840, 0.3257, 0.3140



8.6403, 0.3144, 0.3075



8.8623, 0.3317, 0.1601



0.2808, 0.3285, 0.1583

Inverse Universe

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



35.1092, 0.3151, 0.2987



60.3808, 0.3157, 0.2911



40.5503, 0.3014, 0.3445



8.6403, 0.3144, 0.3075



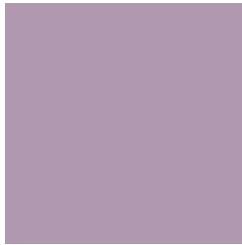
8.8623, 0.3317, 0.1601



0.2808, 0.3285, 0.1583

Previews

White Background



This preview shows how the Yxy color 35.1077, 0.3151, 0.2987 looks on a white background.

Color Contrast Check

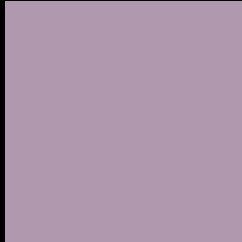
Large Text (above 18pt) WCAG AA × Fail

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 35.1077, 0.3151, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

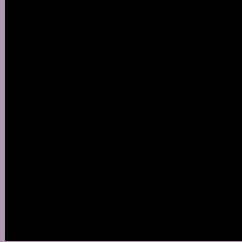
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1077, 0.3151, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 35.1077, 0.3151, 0.2987.



This preview shows how white text looks on a background with the Yxy color 35.1077, 0.3151, 0.2987.

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

35.1077, 0.3151, 0.2987

Protanopia

35.2190, 0.2936, 0.3003

Deuteranopia

35.3071, 0.3082, 0.3024



Tritanopia

35.0152, 0.3215, 0.3109

Trichromacy



Original Color

35.1077, 0.3151, 0.2987

Protanomaly

35.2208, 0.3009, 0.2993

Deuteranomaly

35.3085, 0.3111, 0.3012

Tritanomaly

35.1274, 0.3187, 0.3068

Monochromacy



Original Color

35.1077, 0.3151, 0.2987

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.8018, 0.3133, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1077, 0.3151, 0.2987 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, 153, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 153, 175)  
}
```

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, 153, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 153, 175) }
```

Border

The CSS property to change the border of an element to Yxy 35.1077, 0.3151, 0.2987 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, 153, 175) }
```

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

```
.border{ border-color:rgb(176, 153, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 153, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 153, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 153, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 153,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1077, 0.3151, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 153, 175) }
```

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

```
.background{ background-color: rgb(176,  
153, 175) }
```

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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