

Converting Colors

$Yxy(40.1804, 0.3368, 0.3089)$

Have a look what the booklet for
Yxy(40.1804, 0.3368, 0.3089)
contains.

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Color

Yxy(40.0335, 0.3368, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	C79FAF
RGB	199, 159, 175
RGB Percent	78%, 62%, 69%
CMY	0.2198, 0.3764, 0.3138
CMYK	0.00, 0.20, 0.12, 0.22
HSL	336°, 26%, 70%
HSV	336°, 20%, 78%
XYZ	43.6776, 40.0335, 45.9730
YIQ	172.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

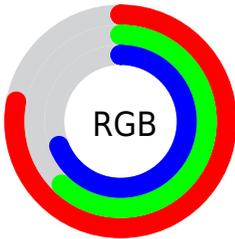
Format	Color
R_{YB}	199, 159, 175
Decimal	13082543
CIE _{Lab}	69.49, 17.34, -2.64
CIE _{LCh}	69, 17.536, 351.345
Yxy	40.0335, 0.3368, 0.3087
Android (android.graphics.Color)	4291272623 (0xFFC79FAF)
YUV	172.7840, 1.0925, 22.9914
Hunter-Lab	63.2720, 12.4952, 1.2107

Details

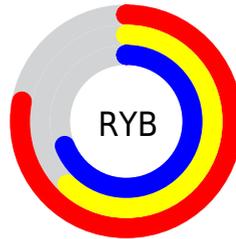
The Yxy color **40.0335, 0.3368, 0.3087** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.6160, 0.2936, 0.3503**, and the grayscale version is **41.6594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0663, 0.3318, 0.3130**, and **17.9652, 0.3441, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **33.2845, 0.3528, 0.2980**, and if you desaturate by 10%, it is **47.9289, 0.3236, 0.3191**.

Distribution



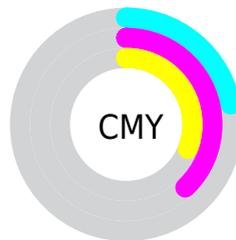
- Red (78%)
- Green (62%)
- Blue (69%)



- Red (78%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0335, 0.3368, 0.3087 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 40.0335, 0.3368, 0.3087 by changing the saturation by 10% instead.

 40.0335, 0.3368,
0.3087

 40.0335, 0.3368,
0.3087

346.2647, 0.3245,
0.3190

 27.5647, 0.3399,
0.3061

 75.2145, 0.3323,
0.3125

 17.9978, 0.3440,
0.3027

 98.6955, 0.3306,
0.3139

 10.9484, 0.3496,
0.2982

126.6160, 0.3292,
0.3151

 6.0321, 0.3575,
0.2917

159.3604, 0.3280,
0.3161

 2.8646, 0.3697,
0.2819

197.3130, 0.3269,
0.3170

 1.0615, 0.3911,
0.2651

240.8584, 0.3260,

 0.0000, 0.7498,

0.3177

0.0000

290.3808, 0.3252,
0.3184

0.0000, 0.0000,
0.0000

40.0335, 0.3368,
0.3087

40.0335, 0.3368,
0.3087

33.2845, 0.3528,
0.2980

47.9289, 0.3236,
0.3191

27.6229, 0.3719,
0.2873

57.0154, 0.3128,
0.3289

22.9924, 0.3945,
0.2774

67.3419, 0.3039,
0.3381

19.3297, 0.4206,
0.2691

78.9530, 0.2966,
0.3465

16.5641, 0.4496,
0.2637

89.6361, 0.2904,
0.3506

■ 14.6155, 0.4803,
0.2624

■ 90.3487, 0.2842,
0.3377

■ 13.3890, 0.5108,
0.2662

■ 90.8752, 0.2800,
0.3289

■ 12.7072, 0.5392,
0.2744

Harmonies

Analogous

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



40.0335, 0.3109, 0.2932



40.0335, 0.3368, 0.3087



40.0335, 0.3566, 0.3294

Triad

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



40.0335, 0.3368, 0.3087



40.0335, 0.3381, 0.3749



40.0335, 0.2639, 0.3040

Complementary

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



40.0335, 0.3368, 0.3087



51.6160, 0.2936, 0.3503

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.



40.0335, 0.2706, 0.3261



40.0335, 0.3368, 0.3087



40.0335, 0.3128, 0.3687

Square

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



40.0335, 0.3368, 0.3087



40.0335, 0.3571, 0.3678



40.0335, 0.2882, 0.3504



40.0335, 0.2696, 0.2898

Rectangle

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



40.0335, 0.3368, 0.3087



40.0335, 0.3632, 0.3439



40.0335, 0.2882, 0.3504



40.0335, 0.2648, 0.3107

Sweetspot

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



40.0353, 0.3368, 0.3087



90.0461, 0.3190, 0.3231



38.9917, 0.3005, 0.2775



19.0519, 0.3198, 0.3224



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.



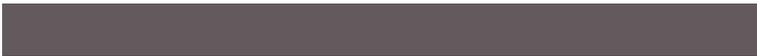
40.0353, 0.3368, 0.3087



64.8301, 0.3433, 0.3041



40.8406, 0.3511, 0.3343



10.7060, 0.3228, 0.3198



8.1919, 0.5357, 0.2725



0.4021, 0.4806, 0.2421

Inverse Universe

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



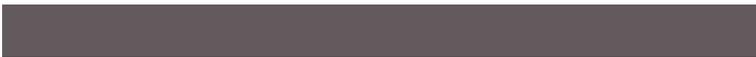
40.0353, 0.3368, 0.3087



64.8301, 0.3433, 0.3041



50.5060, 0.2827, 0.3237



10.7060, 0.3228, 0.3198



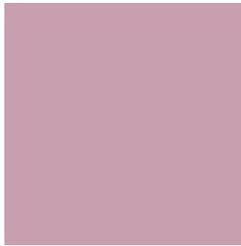
8.1919, 0.5357, 0.2725



0.4021, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 40.0335, 0.3368, 0.3087 looks on a white background.

Color Contrast Check

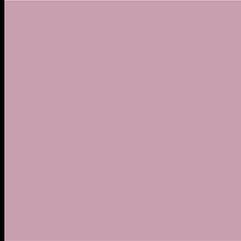
Large Text (above 18pt) WCAG AA × Fail

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 40.0335, 0.3368, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

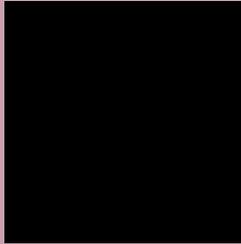
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

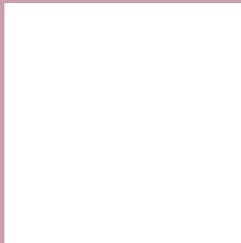
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0335, 0.3368, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 40.0335, 0.3368, 0.3087.



This preview shows how white text looks on a background with the Yxy color 40.0335, 0.3368, 0.3087.

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

40.0335, 0.3368, 0.3087

Protanopia

40.2582, 0.3036, 0.3126

Deuteranopia

40.2805, 0.3236, 0.3171



Tritanopia

40.2623, 0.3395, 0.3137

Trichromacy



Original Color

40.0335, 0.3368, 0.3087

Protanomaly

39.9887, 0.3154, 0.3103

Deuteranomaly

40.1975, 0.3285, 0.3146

Tritanomaly

40.3009, 0.3386, 0.3125

Monochromacy



Original Color

40.0335, 0.3368, 0.3087

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0063, 0.3204, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0335, 0.3368, 0.3087 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(199, 159, 175)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 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(199, 159, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 175) }
```

Border

The CSS property to change the border of an element to Yxy 40.0335, 0.3368, 0.3087 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(199, 159, 175) }
```

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

```
.border{ border-color:rgb(199, 159, 175) }
```

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

Here you see how a box with a 4 pixel rgb(199, 159, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 175);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
175) }
```

Background

The CSS property to change the background color of an element to Yxy 40.0335, 0.3368, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 175) }
```

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

```
.background{ background-color: rgb(199,  
159, 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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