

Converting Colors

$Yxy(35.6828, 0.3361, 0.3073)$

Have a look what the booklet for
Yxy(35.6828, 0.3361, 0.3073)
contains.

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Color

Yxy(35.7421, 0.3360, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	BD97A7
RGB	189, 151, 167
RGB Percent	74%, 59%, 65%
CMY	0.2587, 0.4078, 0.3452
CMYK	0.00, 0.20, 0.12, 0.26
HSL	335°, 22%, 67%
HSV	335°, 20%, 74%
XYZ	39.0294, 35.7421, 41.3874
YIQ	164.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

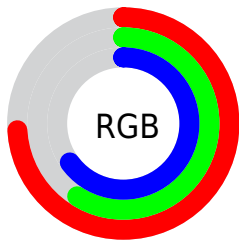
Format	Color
R _{YB}	189, 151, 167
Decimal	12425127
CIE _{Lab}	66.32, 16.80, -2.94
CIE _{LCh}	66, 17.057, 350.068
Y _{xy}	35.7421, 0.3360, 0.3077
Android (android.graphics.Color)	4290615207 (0xFFBD97A7)
YUV	164.1860, 1.3873, 21.7619
Hunter-Lab	59.7847, 11.9074, 0.8043

Details

The Yxy color **35.7421, 0.3360, 0.3077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0021, 0.2942, 0.3514**, and the grayscale version is **37.2055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5294, 0.3319, 0.3114**, and **15.5030, 0.3431, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **29.7513, 0.3513, 0.2965**, and if you desaturate by 10%, it is **42.7459, 0.3233, 0.3186**.

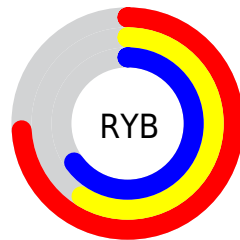
Distribution



Red (74%)

Green (59%)

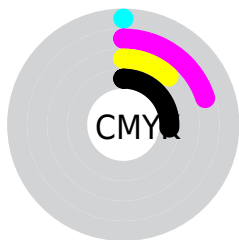
Blue (65%)



Red (74%)

Yellow (59%)

Blue (65%)

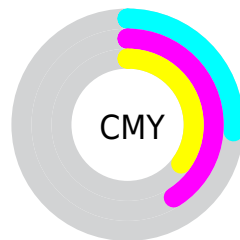


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7421, 0.3360, 0.3077 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 35.7421, 0.3360, 0.3077 by changing the saturation by 10% instead.


 35.7421, 0.3360,
0.3077


 35.7421, 0.3360,
0.3077


327.8319, 0.3239,
0.3187

 24.2351, 0.3392,
0.3048


 68.6338, 0.3315,
0.3118

 15.5081, 0.3433,
0.3011


 90.7873, 0.3298,
0.3133

 9.1768, 0.3491,
0.2960


117.2584, 0.3285,
0.3145

 4.8567, 0.3574,
0.2887

148.4315, 0.3273,
0.3156

 2.1634, 0.3707,
0.2772

184.6910, 0.3263,
0.3165

 0.6999, 0.3969,
0.2531

226.4213, 0.3254,

 0.0000, 1.0000,

0.3173

0.0000

274.0068, 0.3246,
0.3181

0.0000, 0.0000,
0.0000

35.7421, 0.3360,
0.3077

35.7421, 0.3360,
0.3077

29.7513, 0.3513,
0.2965

42.7459, 0.3233,
0.3186

24.7214, 0.3697,
0.2853

50.8020, 0.3128,
0.3289

20.6030, 0.3913,
0.2749

59.9534, 0.3042,
0.3385

17.3402, 0.4162,
0.2661

70.2395, 0.2971,
0.3473

14.8711, 0.4438,
0.2602

81.6974, 0.2913,
0.3554

■ 13.1251, 0.4732,
0.2584

■ 88.2096, 0.2859,
0.3531

■ 12.0189, 0.5024,
0.2617

■ 88.8548, 0.2803,
0.3410

■ 11.3919, 0.5299,
0.2693

■ 89.5395, 0.2749,
0.3292

■ 89.5614, 0.2747,
0.3289

Harmonies

Analogous

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



35.7421, 0.3098, 0.2924



35.7421, 0.3360, 0.3077



35.7421, 0.3564, 0.3284

Triad

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



35.7421, 0.3360, 0.3077



35.7421, 0.3394, 0.3753



35.7421, 0.2635, 0.3045

Complementary

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



35.7421, 0.3360, 0.3077



46.0021, 0.2942, 0.3514

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.



35.7421, 0.2707, 0.3272



35.7421, 0.3360, 0.3077



35.7421, 0.3139, 0.3697

Square

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



35.7421, 0.3360, 0.3077



35.7421, 0.3581, 0.3676



35.7421, 0.2889, 0.3516



35.7421, 0.2687, 0.2898

Rectangle

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



35.7421, 0.3360, 0.3077



35.7421, 0.3635, 0.3431



35.7421, 0.2889, 0.3516



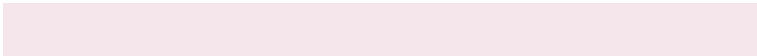
35.7421, 0.2645, 0.3114

Sweetspot

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



35.7437, 0.3360, 0.3077



82.1051, 0.3188, 0.3228



34.6407, 0.2993, 0.2773



17.4581, 0.3195, 0.3221



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



35.7437, 0.3360, 0.3077



59.2042, 0.3422, 0.3029



36.0137, 0.3514, 0.3326



9.6011, 0.3224, 0.3194



7.6776, 0.5267, 0.2675



0.3138, 0.4655, 0.2338

Inverse Universe

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



35.7437, 0.3360, 0.3077



59.2042, 0.3422, 0.3029



45.5770, 0.2828, 0.3254



9.6011, 0.3224, 0.3194



7.6776, 0.5267, 0.2675



0.3138, 0.4655, 0.2338

Previews

White Background



This preview shows how the Yxy color 35.7421, 0.3360, 0.3077 looks on a white background.

Color Contrast Check

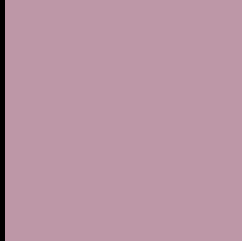
Large Text (above 18pt) WCAG AA × Fail

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 35.7421, 0.3360, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

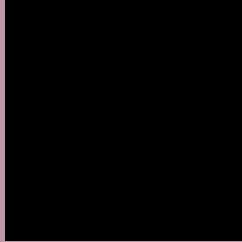
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7421, 0.3360, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 35.7421, 0.3360, 0.3077.



This preview shows how white text looks on a background with the Yxy color 35.7421, 0.3360, 0.3077.

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

35.7421, 0.3360, 0.3077

Protanopia

35.7358, 0.3023, 0.3104

Deuteranopia

35.9811, 0.3221, 0.3165



Tritanopia

35.9196, 0.3397, 0.3143

Trichromacy



Original Color

35.7421, 0.3360, 0.3077

Protanomaly

35.7121, 0.3136, 0.3094

Deuteranomaly

35.8992, 0.3273, 0.3139

Tritanomaly

35.9556, 0.3387, 0.3130

Monochromacy



Original Color

35.7421, 0.3360, 0.3077

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3971, 0.3208, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7421, 0.3360, 0.3077 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(189, 151, 167)` looks like.

```
.text, #text, p{  
    color:rgb(189, 151, 167)  
}
```

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(189, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 151, 167) }
```

Border

The CSS property to change the border of an element to Yxy 35.7421, 0.3360, 0.3077 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(189, 151, 167) }
```

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

```
.border{ border-color:rgb(189, 151, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 151, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 151, 167);  
box-shadow:4px 4px 4px 4px rgb(189, 151,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7421, 0.3360, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 151, 167) }
```

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

```
.background{ background-color: rgb(189,  
151, 167) }
```

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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