

Converting Colors

$Y_{xy}(35.8289, 0.3372, 0.3071)$

Have a look what the booklet for
Yxy(35.8289, 0.3372, 0.3071)
contains.

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Color

Yxy(35.8704, 0.3370, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	BE97A7
RGB	190, 151, 167
RGB Percent	75%, 59%, 65%
CMY	0.2547, 0.4079, 0.3450
CMYK	0.00, 0.21, 0.12, 0.25
HSL	335°, 23%, 67%
HSV	335°, 21%, 75%
XYZ	39.2861, 35.8704, 41.4194
YIQ	164.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

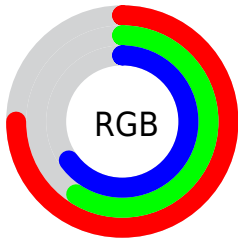
Format	Color
R_{YB}	190, 151, 167
Decimal	12490663
CIE _{Lab}	66.42, 17.19, -2.81
CIE _{LCh}	66, 17.418, 350.718
Yxy	35.8704, 0.3370, 0.3077
Android (android.graphics.Color)	4290680743 (0xFFBE97A7)
YUV	164.4850, 1.2399, 22.3767
Hunter-Lab	59.8919, 12.2762, 0.9212

Details

The Yxy color **35.8704, 0.3370, 0.3077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4807, 0.2935, 0.3514**, and the grayscale version is **37.3577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7107, 0.3326, 0.3115**, and **15.5864, 0.3445, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **29.8441, 0.3527, 0.2967**, and if you desaturate by 10%, it is **42.9218, 0.3240, 0.3184**.

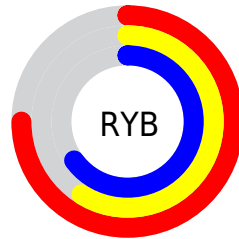
Distribution



Red (75%)

Green (59%)

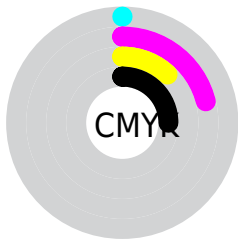
Blue (65%)



Red (75%)

Yellow (59%)

Blue (65%)

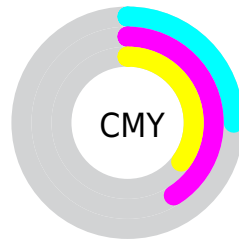


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8704, 0.3370, 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 35.8704, 0.3370, 0.3077 by changing the saturation by 10% instead.


 35.8704, 0.3370,
0.3077


 35.8704, 0.3370,
0.3077


328.3937, 0.3244,
0.3187

 24.3341, 0.3403,
0.3049


 68.8320, 0.3323,
0.3118

 15.5817, 0.3446,
0.3011


 91.0261, 0.3306,
0.3133

 9.2286, 0.3506,
0.2960


117.5416, 0.3291,
0.3145

 4.8906, 0.3593,
0.2887

148.7628, 0.3279,
0.3156

 2.1832, 0.3731,
0.2772

185.0743, 0.3268,
0.3165

 0.7108, 0.4002,
0.2536

226.8603, 0.3259,

 0.0000, 1.0000,

0.3173

0.0000

274.5054, 0.3251,
0.3181

0.0000, 0.0000,
0.0000

35.8704, 0.3370,
0.3077

35.8704, 0.3370,
0.3077

29.8441, 0.3527,
0.2967

42.9218, 0.3240,
0.3184

24.7901, 0.3716,
0.2858

51.0383, 0.3132,
0.3285

20.6579, 0.3938,
0.2757

60.2637, 0.3044,
0.3379

17.3907, 0.4193,
0.2673

70.6380, 0.2972,
0.3465

14.9252, 0.4477,
0.2617

82.1990, 0.2912,
0.3545

■ 13.1894, 0.4776,
0.2604

■ 88.4275, 0.2857,
0.3514

■ 12.0983, 0.5074,
0.2641

■ 89.0929, 0.2800,
0.3391

■ 11.5029, 0.5340,
0.2716

■ 89.6929, 0.2752,
0.3289

Harmonies

Analogous

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



35.8704, 0.3103, 0.2919



35.8704, 0.3370, 0.3077



35.8704, 0.3576, 0.3289

Triad

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



35.8704, 0.3370, 0.3077



35.8704, 0.3394, 0.3763



35.8704, 0.2625, 0.3036

Complementary

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



35.8704, 0.3370, 0.3077



46.4807, 0.2935, 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.



35.8704, 0.2696, 0.3266



35.8704, 0.3370, 0.3077



35.8704, 0.3134, 0.3703

Square

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



35.8704, 0.3370, 0.3077



35.8704, 0.3587, 0.3686



35.8704, 0.2879, 0.3515



35.8704, 0.2681, 0.2889

Rectangle

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



35.8704, 0.3370, 0.3077



35.8704, 0.3646, 0.3438



35.8704, 0.2879, 0.3515



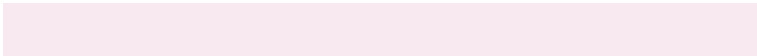
35.8704, 0.2635, 0.3106

Sweetspot

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



35.8720, 0.3370, 0.3077



84.0464, 0.3189, 0.3229



34.8204, 0.2996, 0.2762



18.2450, 0.3197, 0.3223



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.



35.8720, 0.3370, 0.3077



59.4483, 0.3443, 0.3024



36.3774, 0.3523, 0.3335



9.5996, 0.3226, 0.3196



7.6596, 0.5307, 0.2697



0.3131, 0.4685, 0.2355

Inverse Universe

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



35.8720, 0.3370, 0.3077



59.4483, 0.3443, 0.3024



45.7490, 0.2821, 0.3244



9.5996, 0.3226, 0.3196



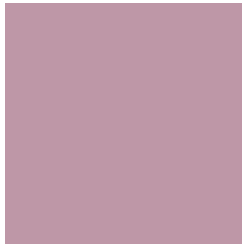
7.6596, 0.5307, 0.2697



0.3131, 0.4685, 0.2355

Previews

White Background



This preview shows how the Yxy color 35.8704, 0.3370, 0.3077 looks on a white background.

Color Contrast Check

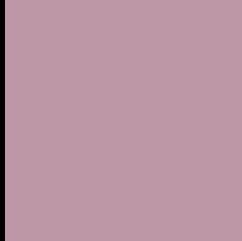
Large Text (above 18pt) WCAG AA × Fail

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 35.8704, 0.3370, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

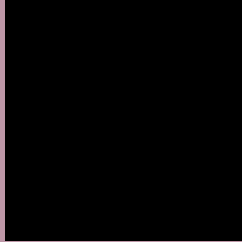
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8704, 0.3370, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 35.8704, 0.3370, 0.3077.



This preview shows how white text looks on a background with the Yxy color 35.8704, 0.3370, 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

35.8704, 0.3370, 0.3077

Protanopia

36.0839, 0.3023, 0.3118

Deuteranopia

35.9811, 0.3221, 0.3165



Tritanopia

36.0480, 0.3408, 0.3144

Trichromacy



Original Color

35.8704, 0.3370, 0.3077

Protanomaly

35.8249, 0.3146, 0.3095

Deuteranomaly

35.8992, 0.3273, 0.3139

Tritanomaly

36.0840, 0.3398, 0.3130

Monochromacy



Original Color

35.8704, 0.3370, 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 35.8704, 0.3370, 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(190, 151, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 167) }
```

Border

The CSS property to change the border of an element to Yxy 35.8704, 0.3370, 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(190, 151, 167) }
```

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

```
.border{ border-color:rgb(190, 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(190, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 151, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 151, 167);  
box-shadow:4px 4px 4px 4px rgb(190, 151,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8704, 0.3370, 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(190, 151, 167) }
```

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

```
.background{ background-color: rgb(190,  
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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