

Converting Colors

$Y_{xy}(36.5950, 0.3153, 0.2820)$

Have a look what the booklet for
Yxy(36.5950, 0.3153, 0.2820)
contains.

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Color

Yxy(36.4554, 0.3150, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	BC97BC
RGB	188, 151, 188
RGB Percent	74%, 59%, 74%
CMY	0.2627, 0.4078, 0.2628
CMYK	0.00, 0.20, 0.00, 0.26
HSL	300°, 22%, 66%
HSV	300°, 20%, 74%
XYZ	40.8809, 36.4554, 52.4444
YIQ	166.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

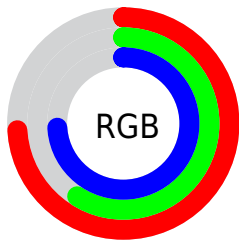
Format	Color
R _Y B	188, 151, 188
Decimal	12359612
CIE Lab	66.87, 20.24, -13.90
CIE LCh	67, 24.556, 325.520
Yxy	36.4554, 0.3150, 0.2809
Android (android.graphics.Color)	4290549692 (0xFFBC97BC)
YUV	166.2810, 10.7075, 19.0476
Hunter-Lab	60.3783, 15.1967, -9.2343

Details

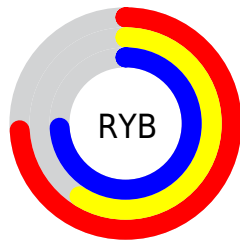
The Yxy color **36.4554, 0.3150, 0.2809** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7834, 0.3102, 0.3823**, and the grayscale version is **38.2203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6068, 0.3153, 0.2895**, and **15.9319, 0.3143, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **30.8795, 0.3162, 0.2563**, and if you desaturate by 10%, it is **42.9994, 0.3138, 0.3056**.

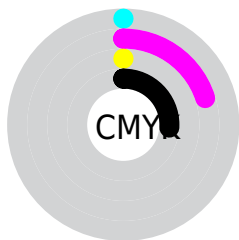
Distribution



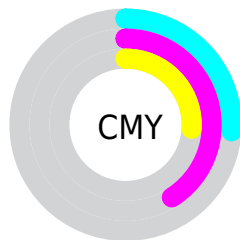
- Red (74%)
- Green (59%)
- Blue (74%)



- Red (74%)
- Yellow (59%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)





- Cyan (26%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4554, 0.3150, 0.2809 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 36.4554, 0.3150, 0.2809 by changing the saturation by 10% instead.


 36.4554, 0.3150,
0.2809


 36.4554, 0.3150,
0.2809


330.9467, 0.3142,
0.3050

 24.7861, 0.3151,
0.2749


 69.7344, 0.3148,
0.2897

 15.9178, 0.3151,
0.2671


 92.1129, 0.3147,
0.2930

 9.4660, 0.3151,
0.2568


118.8299, 0.3146,
0.2957

 5.0464, 0.3148,
0.2425

150.2698, 0.3145,
0.2981

 2.2745, 0.3138,
0.2212

186.8171, 0.3144,
0.3002

 0.7602, 0.3111,
0.1854

228.8560, 0.3143,

 0.0000, 0.2167,

0.3020

0.0000

276.7711, 0.3143,
0.3036

0.0000, 0.0000,
0.0000

36.4554, 0.3150,
0.2809

36.4554, 0.3150,
0.2809

30.8795, 0.3162,
0.2563

42.9994, 0.3138,
0.3056

26.2214, 0.3173,
0.2327

50.5494, 0.3127,
0.3298

22.4333, 0.3183,
0.2109

59.1470, 0.3116,
0.3528

19.4612, 0.3193,
0.1919

68.8301, 0.3106,
0.3745

17.2452, 0.3200,
0.1765

79.6346, 0.3096,
0.3946

■ 15.7172, 0.3206,
0.1652

■ 85.8453, 0.3091,
0.4046

■ 14.7968, 0.3209,
0.1581

■ 85.8459, 0.3091,
0.4046

■ 14.3298, 0.3211,
0.1544

■ 85.8465, 0.3091,
0.4046

■ 14.3166, 0.3211,
0.1543

■ 85.8471, 0.3091,
0.4046

Harmonies

Analogous

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



36.4554, 0.2792, 0.2691



36.4554, 0.3150, 0.2809



36.4554, 0.3522, 0.3037

Triad

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



36.4554, 0.3150, 0.2809



36.4554, 0.3736, 0.3868



36.4554, 0.2503, 0.3191

Complementary

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



36.4554, 0.3150, 0.2809



44.7834, 0.3102, 0.3823

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.



36.4554, 0.2730, 0.3554



36.4554, 0.3150, 0.2809



36.4554, 0.3439, 0.3960

Square

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



36.4554, 0.3150, 0.2809



36.4554, 0.3870, 0.3631



36.4554, 0.3070, 0.3848



36.4554, 0.2436, 0.2887

Rectangle

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



36.4554, 0.3150, 0.2809



36.4554, 0.3720, 0.3228



36.4554, 0.3070, 0.3848



36.4554, 0.2562, 0.3311

Sweetspot

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



36.4570, 0.3150, 0.2809



82.6122, 0.3134, 0.3144



32.3464, 0.2805, 0.2757



17.5785, 0.3135, 0.3128



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.



36.4570, 0.3150, 0.2809



61.0922, 0.3156, 0.2692



35.7108, 0.3325, 0.3043



9.6962, 0.3138, 0.3064



9.7472, 0.3211, 0.1543



0.3818, 0.3211, 0.1542

Inverse Universe

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



36.4570, 0.3150, 0.2809



61.0922, 0.3156, 0.2692



45.4315, 0.2967, 0.3551



9.6962, 0.3138, 0.3064



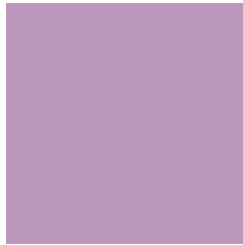
9.7472, 0.3211, 0.1543



0.3818, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 36.4554, 0.3150, 0.2809 looks on a white background.

Color Contrast Check

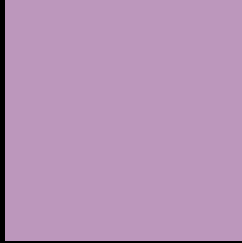
Large Text (above 18pt) WCAG AA × Fail

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 36.4554, 0.3150, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

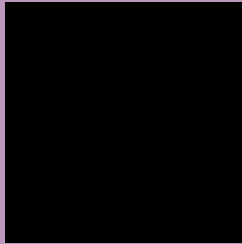
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4554, 0.3150, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 36.4554, 0.3150, 0.2809.



This preview shows how white text looks on a background with the Yxy color 36.4554, 0.3150, 0.2809.

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

36.4554, 0.3150, 0.2809

Protanopia

36.4978, 0.2802, 0.2817

Deuteranopia

36.6663, 0.2978, 0.2918



Tritanopia

36.5470, 0.3313, 0.3128

Trichromacy



Original Color

36.4554, 0.3150, 0.2809

Protanomaly

36.2445, 0.2928, 0.2813

Deuteranomaly

36.4788, 0.3033, 0.2871

Tritanomaly

36.6455, 0.3248, 0.3010

Monochromacy



Original Color

36.4554, 0.3150, 0.2809

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.5444, 0.3136, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4554, 0.3150, 0.2809 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(188, 151, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 151, 188)  
}
```

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(188, 151, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 151, 188) }
```

Border

The CSS property to change the border of an element to Yxy 36.4554, 0.3150, 0.2809 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(188, 151, 188) }
```

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

```
.border{ border-color:rgb(188, 151, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 151, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 151, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 151, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 151,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4554, 0.3150, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 151, 188) }
```

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

```
.background{ background-color: rgb(188,  
151, 188) }
```

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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