

Converting Colors

$Yxy(36.9848, 0.3135, 0.2823)$

Have a look what the booklet for
Yxy(36.9848, 0.3135, 0.2823)
contains.

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Color

Yxy(37.0214, 0.3130, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	BB99BD
RGB	187, 153, 189
RGB Percent	73%, 60%, 74%
CMY	0.2666, 0.4000, 0.2587
CMYK	0.01, 0.19, 0.00, 0.26
HSL	297°, 21%, 67%
HSV	297°, 19%, 74%
XYZ	41.0766, 37.0214, 53.1371
YIQ	167.2700, 8.7080, 18.4040

Conversions

Conversions Part 2

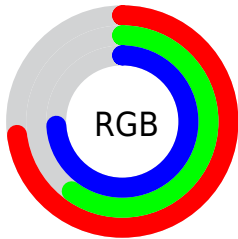
Format	Color
RYB	187, 153, 189
Decimal	12294589
CIELab	67.29, 19.00, -13.85
CIELCh	67, 23.518, 323.910
Yxy	37.0214, 0.3130, 0.2821
Android (android.graphics.Color)	4290484669 (0xFFBB99BD)
YUV	167.2700, 10.7129, 17.3032
Hunter-Lab	60.8452, 14.0261, -9.1872

Details

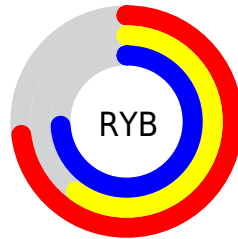
The Yxy color **37.0214, 0.3130, 0.2821** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.6716, 0.3119, 0.3802**, and the grayscale version is **38.7278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7590, 0.3130, 0.2914**, and **16.2669, 0.3115, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **31.1866, 0.3129, 0.2570**, and if you desaturate by 10%, it is **43.8405, 0.3129, 0.3070**.

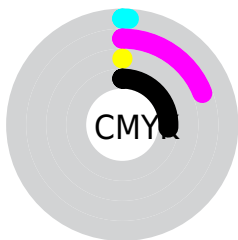
Distribution



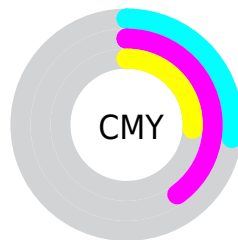
- Red (73%)
- Green (60%)
- Blue (74%)



- Red (73%)
- Yellow (60%)
- Blue (74%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)





- Cyan (27%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0214, 0.3130, 0.2821 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 37.0214, 0.3130, 0.2821 by changing the saturation by 10% instead.

 37.0214, 0.3130,
0.2821


 37.0214, 0.3130,
0.2821


333.4032, 0.3132,
0.3056

 25.2241, 0.3128,
0.2762


 70.6057, 0.3132,
0.2906

 16.2441, 0.3126,
0.2687


 93.1614, 0.3132,
0.2938

 9.6970, 0.3121,
0.2587


120.0721, 0.3132,
0.2966

 5.1985, 0.3112,
0.2447

151.7221, 0.3132,
0.2989

 2.3642, 0.3093,
0.2241

188.4958, 0.3132,
0.3009

 0.8074, 0.3048,
0.1901

230.7776, 0.3132,

 0.0000, 0.2181,

0.3027

0.0000

278.9519, 0.3132,
0.3042

0.0000, 0.0000,
0.0000

37.0214, 0.3130,
0.2821

37.0214, 0.3130,
0.2821

31.1866, 0.3129,
0.2570

43.8405, 0.3129,
0.3070

26.2853, 0.3127,
0.2326

51.6820, 0.3127,
0.3312

22.2693, 0.3123,
0.2099

60.5881, 0.3124,
0.3542

19.0842, 0.3116,
0.1896

70.5970, 0.3120,
0.3757

16.6698, 0.3108,
0.1729

81.7450, 0.3116,
0.3955

■ 14.9575, 0.3097,
0.1601

■ 86.5730, 0.3118,
0.4028

■ 13.8669, 0.3085,
0.1517

■ 86.7113, 0.3125,
0.4027

■ 13.2560, 0.3072,
0.1469

■ 86.8507, 0.3131,
0.4025

■ 13.2058, 0.3071,
0.1465

■ 86.9910, 0.3137,
0.4024

Harmonies

Analogous

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



37.0214, 0.2792, 0.2715



37.0214, 0.3130, 0.2821



37.0214, 0.3486, 0.3035

Triad

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



37.0214, 0.3130, 0.2821



37.0214, 0.3719, 0.3833



37.0214, 0.2539, 0.3215

Complementary

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



37.0214, 0.3130, 0.2821



45.6716, 0.3119, 0.3802

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.



37.0214, 0.2764, 0.3559



37.0214, 0.3130, 0.2821



37.0214, 0.3444, 0.3928

Square

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



37.0214, 0.3130, 0.2821



37.0214, 0.3836, 0.3602



37.0214, 0.3093, 0.3831



37.0214, 0.2466, 0.2919

Rectangle

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



37.0214, 0.3130, 0.2821



37.0214, 0.3678, 0.3217



37.0214, 0.3093, 0.3831



37.0214, 0.2599, 0.3330

Sweetspot

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



37.0230, 0.3130, 0.2821



82.4671, 0.3129, 0.3143



34.0205, 0.2818, 0.2810



17.5440, 0.3129, 0.3127



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.



37.0230, 0.3130, 0.2821



61.5801, 0.3130, 0.2713



36.6344, 0.3294, 0.3020



9.6686, 0.3129, 0.3063



8.8941, 0.3073, 0.1466



0.3567, 0.3107, 0.1485

Inverse Universe

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



35.9675, 0.3475, 0.3264



59.3439, 0.3576, 0.3258



46.0260, 0.2989, 0.3577



9.5447, 0.3280, 0.3278



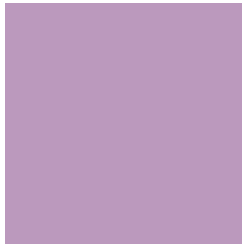
7.2984, 0.6331, 0.3261



0.2888, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 37.0214, 0.3130, 0.2821 looks on a white background.

Color Contrast Check

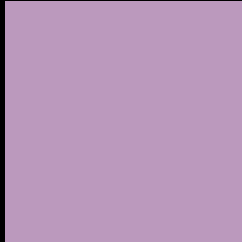
Large Text (above 18pt) WCAG AA × Fail

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 37.0214, 0.3130, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

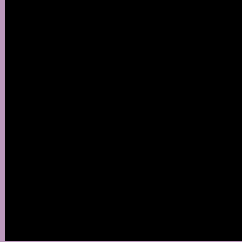
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0214, 0.3130, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 37.0214, 0.3130, 0.2821.



This preview shows how white text looks on a background with the Yxy color 37.0214, 0.3130, 0.2821.

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

37.0214, 0.3130, 0.2821

Protanopia

37.3026, 0.2812, 0.2847

Deuteranopia

37.2075, 0.2970, 0.2907



Tritanopia

37.1689, 0.3281, 0.3128

Trichromacy



Original Color

37.0214, 0.3130, 0.2821

Protanomaly

36.9714, 0.2920, 0.2828

Deuteranomaly

36.9749, 0.3034, 0.2874

Tritanomaly

37.2258, 0.3227, 0.3023

Monochromacy



Original Color

37.0214, 0.3130, 0.2821

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9345, 0.3126, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0214, 0.3130, 0.2821 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(187, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 153, 189)  
}
```

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(187, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 153, 189) }
```

Border

The CSS property to change the border of an element to Yxy 37.0214, 0.3130, 0.2821 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(187, 153, 189) }
```

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

```
.border{ border-color:rgb(187, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(187, 153,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0214, 0.3130, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 153, 189) }
```

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

```
.background{ background-color: rgb(187,  
153, 189) }
```

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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