

Converting Colors

Yxy(31.5869, 0.3098, 0.2614)

Have a look what the booklet for
Yxy(31.5869, 0.3098, 0.2614)
contains.

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Color

Yxy(31.4672, 0.3097, 0.2612)

Conversions

Conversions Part 1

Format	Color
Hex	B689BC
RGB	182, 137, 188
RGB Percent	71%, 54%, 74%
CMY	0.2864, 0.4627, 0.2627
CMYK	0.03, 0.27, 0.00, 0.26
HSL	293°, 28%, 64%
HSV	293°, 27%, 74%
XYZ	37.3101, 31.4672, 51.6944
YIQ	156.2690, 10.4490, 25.4010

Conversions

Conversions Part 2

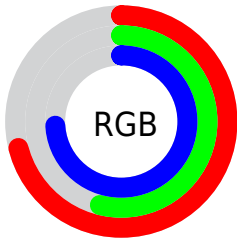
Format	Color
R _Y B	182, 137, 188
Decimal	11962812
CIE Lab	62.90, 26.01, -19.99
CIE LCh	63, 32.806, 322.460
Yxy	31.4672, 0.3097, 0.2612
Android (android.graphics.Color)	4290152892 (0xFFB689BC)
YUV	156.2690, 15.6434, 22.5661
Hunter-Lab	56.0956, 20.5558, -15.3712

Details

The Yxy color **31.4672, 0.3097, 0.2612** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.6264, 0.3140, 0.4048**, and the grayscale version is **33.2976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9704, 0.3107, 0.2742**, and **12.9940, 0.3066, 0.2400** is the 20% darker color. If you saturate the color by 10%, you get **26.3108, 0.3080, 0.2359**, and if you desaturate by 10%, it is **37.5621, 0.3111, 0.2867**.

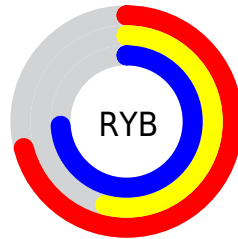
Distribution



Red (71%)

Green (54%)

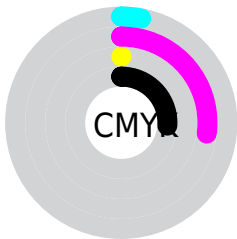
Blue (74%)



Red (71%)

Yellow (54%)

Blue (74%)

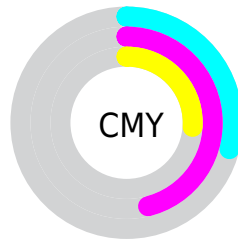


Cyan (3%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (29%)


Magenta (46%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4672, 0.3097, 0.2612 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 31.4672, 0.3097, 0.2612 by changing the saturation by 10% instead.


 31.4672, 0.3097,
0.2612


 31.4672, 0.3097,
0.2612


308.6850, 0.3120,
0.2954


 20.9549, 0.3089,
0.2526

 61.9749, 0.3107,
0.2737

 13.0910, 0.3076,
0.2415


 82.7390, 0.3111,
0.2784

 7.4913, 0.3056,
0.2268


 107.6892, 0.3113,
0.2823

 3.7712, 0.3023,
0.2063

137.2099, 0.3115,
0.2857

 1.5464, 0.2959,
0.1762

171.6854, 0.3117,
0.2886

 0.3211, 0.2911,
0.0990

211.5002, 0.3118,

 0.0000, 0.0000,

0.2912

0.0000

257.0385, 0.3119,
0.2934

■ 31.4672, 0.3097,
0.2612

■ 31.4672, 0.3097,
0.2612

■ 26.3108, 0.3080,
0.2359

■ 37.5621, 0.3111,
0.2867

■ 22.0405, 0.3059,
0.2119

■ 44.6363, 0.3121,
0.3118

■ 18.6049, 0.3036,
0.1899

■ 52.7331, 0.3129,
0.3358

■ 15.9458, 0.3009,
0.1711

■ 61.8919, 0.3135,
0.3584

■ 13.9974, 0.2980,
0.1563

■ 72.1502, 0.3138,
0.3793

■ 12.6830, 0.2951,
0.1457

■ 83.5436, 0.3140,
0.3986

■ 11.8948, 0.2920,
0.1393

■ 87.1004, 0.3150,
0.4034

■ 11.7082, 0.2911,
0.1377

■ 87.4048, 0.3164,
0.4031

■ 87.7137, 0.3178,
0.4027

Harmonies

Analogous

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



31.4672, 0.2616, 0.2469



31.4672, 0.3097, 0.2612



31.4672, 0.3628, 0.2902

Triad

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



31.4672, 0.3097, 0.2612



31.4672, 0.4001, 0.4054



31.4672, 0.2290, 0.3188

Complementary

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



31.4672, 0.3097, 0.2612



43.6264, 0.3140, 0.4048

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.



31.4672, 0.2612, 0.3715



31.4672, 0.3097, 0.2612



31.4672, 0.3598, 0.4237

Square

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



31.4672, 0.3097, 0.2612



31.4672, 0.4172, 0.3698



31.4672, 0.3088, 0.4124



31.4672, 0.2181, 0.2753

Rectangle

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



31.4672, 0.3097, 0.2612



31.4672, 0.3925, 0.3152



31.4672, 0.3088, 0.4124



31.4672, 0.2375, 0.3362

Sweetspot

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



31.4686, 0.3097, 0.2612



79.5095, 0.3120, 0.3093



28.8419, 0.2673, 0.2627



16.6627, 0.3119, 0.3055



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.



31.4686, 0.3097, 0.2612



50.8364, 0.3086, 0.2449



31.4658, 0.3348, 0.2856



9.6373, 0.3119, 0.3063



7.9911, 0.2915, 0.1380



0.3294, 0.2990, 0.1421

Inverse Universe

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



30.5744, 0.3636, 0.3208



48.9735, 0.3805, 0.3187



43.6848, 0.2957, 0.3769



9.5543, 0.3270, 0.3263



7.3254, 0.6236, 0.3209



0.2931, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 31.4672, 0.3097, 0.2612 looks on a white background.

Color Contrast Check

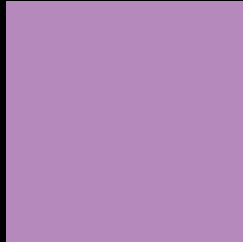
Large Text (above 18pt) WCAG AA × Fail

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 31.4672, 0.3097, 0.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

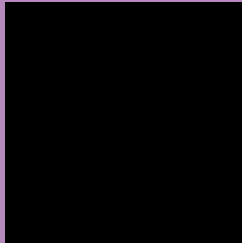
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4672, 0.3097, 0.2612

Background



This preview shows how black text looks on a background with the Yxy color 31.4672, 0.3097, 0.2612.



This preview shows how white text looks on a background with the Yxy color 31.4672, 0.3097, 0.2612.

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

31.4672, 0.3097, 0.2612

Protanopia

31.7859, 0.2635, 0.2611

Deuteranopia

31.6194, 0.2819, 0.2753



Tritanopia

31.3251, 0.3380, 0.3134

Trichromacy



Original Color

31.4672, 0.3097, 0.2612

Protanomaly

31.4214, 0.2788, 0.2612

Deuteranomaly

31.5200, 0.2910, 0.2698

Tritanomaly

31.3866, 0.3281, 0.2942

Monochromacy



Original Color

31.4672, 0.3097, 0.2612

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3214, 0.3110, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4672, 0.3097, 0.2612 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(182, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 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(182, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 188) }
```

Border

The CSS property to change the border of an element to Yxy 31.4672, 0.3097, 0.2612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

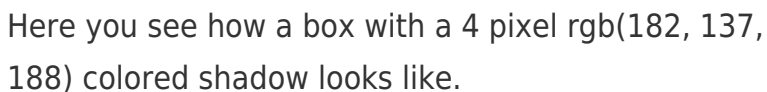
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 137, 188) }
```

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

```
.border{ border-color:rgb(182, 137, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 137, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 137, 188); box-shadow:4px 4px 4px 4px rgb(182, 137, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4672, 0.3097, 0.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 188) }
```

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

```
.background{ background-color: rgb(182,  
137, 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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