

Converting Colors

Yxy(31.2522, 0.3452, 0.2745)

Have a look what the booklet for
Yxy(31.2522, 0.3452, 0.2745)
contains.

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Color

Yxy(31.2618, 0.3448, 0.2740)

Conversions

Conversions Part 1

Format	Color
Hex	C882AD
RGB	200, 130, 173
RGB Percent	78%, 51%, 68%
CMY	0.2158, 0.4901, 0.3216
CMYK	0.00, 0.35, 0.13, 0.22
HSL	323°, 39%, 65%
HSV	323°, 35%, 78%
XYZ	39.3397, 31.2618, 43.4927
YIQ	155.8320, 27.9170, 28.2130

Conversions

Conversions Part 2

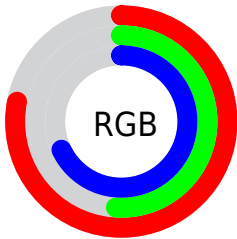
Format	Color
R _Y B	200, 130, 173
Decimal	13140653
CIE Lab	62.73, 33.28, -11.56
CIE LCh	63, 35.225, 340.851
Yxy	31.2618, 0.3448, 0.2740
Android (android.graphics.Color)	4291330733 (0xFFC882AD)
YUV	155.8320, 8.4638, 38.7353
Hunter-Lab	55.9123, 27.7455, -6.9816

Details

The Yxy color **31.2618, 0.3448, 0.2740** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4794, 0.2904, 0.3916**, and the grayscale version is **33.1201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1424, 0.3368, 0.2845**, and **12.9922, 0.3545, 0.2569** is the 20% darker color. If you saturate the color by 10%, you get **26.1594, 0.3576, 0.2584**, and if you desaturate by 10%, it is **37.4182, 0.3337, 0.2901**.

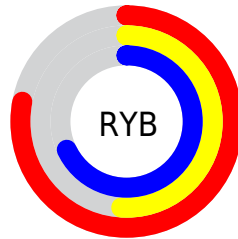
Distribution



Red (78%)

Green (51%)

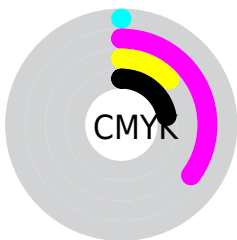
Blue (68%)



Red (78%)

Yellow (51%)

Blue (68%)

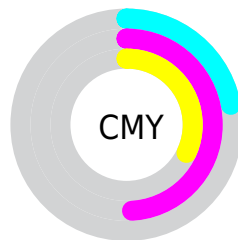


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2618, 0.3448, 0.2740 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 31.2618, 0.3448, 0.2740 by changing the saturation by 10% instead.


 31.2618, 0.3448,
0.2740


 31.2618, 0.3448,
0.2740


307.7426, 0.3283,
0.3020


 20.7983, 0.3491,
0.2668


 61.6520, 0.3387,
0.2843

 12.9766, 0.3546,
0.2576


 82.3475, 0.3365,
0.2881

 7.4125, 0.3621,
0.2451


 107.2224, 0.3346,
0.2914

 3.7214, 0.3729,
0.2274

136.6612, 0.3329,
0.2941

 1.5189, 0.3895,
0.2007

171.0482, 0.3315,
0.2965

 0.3020, 0.4374,
0.1173

210.7679, 0.3303,

 0.0000, 1.0000,

0.2986

0.0000

256.2045, 0.3293,
0.3004

0.0000, 0.0000,
0.0000

31.2618, 0.3448,
0.2740

31.2618, 0.3448,
0.2740

26.1594, 0.3576,
0.2584

37.4182, 0.3337,
0.2901

22.0462, 0.3722,
0.2442

44.6798, 0.3242,
0.3062

18.8570, 0.3883,
0.2324


53.0996, 0.3162,
0.3216


16.5170, 0.4054,
0.2243


62.7261, 0.3095,
0.3362

14.9395, 0.4230,
0.2209

73.6048, 0.3039,
0.3499


 14.0189, 0.4404,
0.2226

 85.7790, 0.2993,
0.3625

 13.7024, 0.4490,
0.2247

 89.3414, 0.2951,
0.3591

 89.7769, 0.2910,
0.3506

 90.2317, 0.2870,
0.3422

Harmonies

Analogous

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



31.2618, 0.2878, 0.2487



31.2618, 0.3448, 0.2740



31.2618, 0.3964, 0.3116

Triad

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



31.2618, 0.3448, 0.2740



31.2618, 0.3818, 0.4262



31.2618, 0.2133, 0.2868

Complementary

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



31.2618, 0.3448, 0.2740



48.4794, 0.2904, 0.3916

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.



31.2618, 0.2338, 0.3396



31.2618, 0.3448, 0.2740



31.2618, 0.3296, 0.4283

Square

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



31.2618, 0.3448, 0.2740



31.2618, 0.4172, 0.3969



31.2618, 0.2755, 0.3951



31.2618, 0.2164, 0.2526

Rectangle

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



31.2618, 0.3448, 0.2740



31.2618, 0.4180, 0.3404



31.2618, 0.2755, 0.3951



31.2618, 0.2175, 0.3028

Sweetspot

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



31.2632, 0.3448, 0.2740



84.1784, 0.3202, 0.3137



27.2908, 0.2741, 0.2317



17.5783, 0.3213, 0.3115



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.2632, 0.3448, 0.2740



47.2478, 0.3544, 0.2620



30.0865, 0.3852, 0.3184



10.7446, 0.3195, 0.3149



8.7327, 0.4467, 0.2235



0.4274, 0.4138, 0.2053

Inverse Universe

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



31.2632, 0.3448, 0.2740



47.2478, 0.3544, 0.2620



49.8427, 0.2686, 0.3402



10.7446, 0.3195, 0.3149



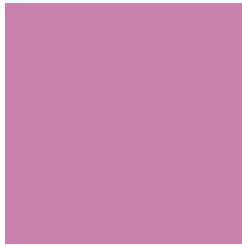
8.7327, 0.4467, 0.2235



0.4274, 0.4138, 0.2053

Previews

White Background



This preview shows how the Yxy color 31.2618, 0.3448, 0.2740 looks on a white background.

Color Contrast Check

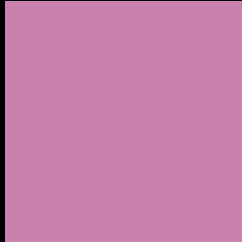
Large Text (above 18pt) WCAG AA × Fail

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 31.2618, 0.3448, 0.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

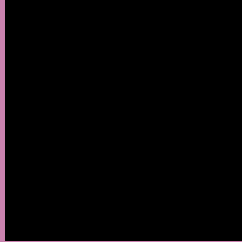
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2618, 0.3448, 0.2740

Background



This preview shows how black text looks on a background with the Yxy color 31.2618, 0.3448, 0.2740.



This preview shows how white text looks on a background with the Yxy color 31.2618, 0.3448, 0.2740.

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

31.2618, 0.3448, 0.2740

Protanopia

31.6504, 0.2751, 0.2761

Deuteranopia

31.4530, 0.3032, 0.2967



Tritanopia

31.2426, 0.3720, 0.3158

Trichromacy



Original Color

31.2618, 0.3448, 0.2740

Protanomaly

30.9148, 0.2973, 0.2737

Deuteranomaly

30.9887, 0.3178, 0.2869

Tritanomaly

31.1474, 0.3622, 0.3001

Monochromacy



Original Color

31.2618, 0.3448, 0.2740

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2467, 0.3240, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2618, 0.3448, 0.2740 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(200, 130, 173)` looks like.

```
.text, #text, p{  
    color:rgb(200, 130, 173)  
}
```

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(200, 130, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 130, 173) }
```

Border

The CSS property to change the border of an element to Yxy 31.2618, 0.3448, 0.2740 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(200, 130, 173) }
```

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

```
.border{ border-color:rgb(200, 130, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 130, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 130, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 130, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 130,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2618, 0.3448, 0.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 130, 173) }
```

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

```
.background{ background-color: rgb(200,  
130, 173) }
```

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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