

Converting Colors

$Yxy(31.6242, 0.3942, 0.2975)$

Have a look what the booklet for
Yxy(31.6242, 0.3942, 0.2975)
contains.

Yxy(31.6774, 0.3942, 0.2978)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.6774, 0.3942, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	DB7C96
RGB	219, 124, 150
RGB Percent	86%, 49%, 59%
CMY	0.1411, 0.5138, 0.4117
CMYK	0.00, 0.43, 0.32, 0.14
HSL	344°, 57%, 67%
HSV	344°, 43%, 86%
XYZ	41.9316, 31.6774, 32.7624
YIQ	155.3690, 48.2740, 28.2260

Conversions

Conversions Part 2

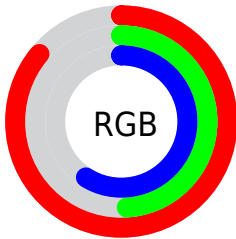
Format	Color
R _Y B	219, 124, 150
Decimal	14384278
CIE Lab	63.08, 39.79, 2.32
CIE LCh	63, 39.857, 3.333
Yxy	31.6774, 0.3942, 0.2978
Android (android.graphics.Color)	4292574358 (0xFFDB7C96)
YUV	155.3690, -2.6469, 55.8044
Hunter-Lab	56.2827, 34.4910, 4.8849

Details

The Yxy color **31.6774, 0.3942, 0.2978** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.8094, 0.2678, 0.3639**, and the grayscale version is **32.9468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4604, 0.3579, 0.3022**, and **13.1126, 0.4216, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **26.3079, 0.4243, 0.2915**, and if you desaturate by 10%, it is **38.3385, 0.3688, 0.3050**.

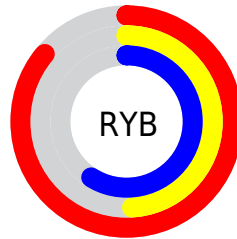
Distribution



Red (86%)

Green (49%)

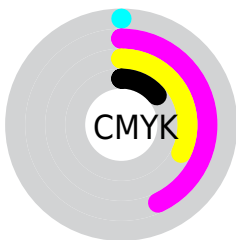
Blue (59%)



Red (86%)

Yellow (49%)

Blue (59%)

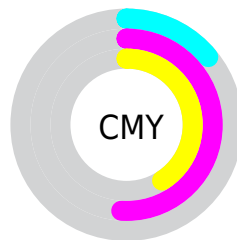


Cyan (0%)

Magenta (43%)

Yellow (32%)

Black (14%)



Cyan (14%)

Magenta (51%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6774, 0.3942, 0.2978 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 31.6774, 0.3942, 0.2978 by changing the saturation by 10% instead.

 31.6774, 0.3942,
0.2978


 31.6774, 0.3942,
0.2978


309.6471, 0.3508,
0.3147

 21.1152, 0.4059,
0.2932


 62.3050, 0.3778,
0.3042

 13.2082, 0.4215,
0.2869


 83.1392, 0.3718,
0.3066

 7.5721, 0.4433,
0.2781


 108.1662, 0.3668,
0.3085

 3.8224, 0.4756,
0.2648

137.7704, 0.3626,
0.3101

 1.5747, 0.5278,
0.2428

172.3362, 0.3590,
0.3115

 0.3405, 0.7155,
0.1764

212.2480, 0.3559,

 0.0000, 1.0000,

0.3127

0.0000

257.8902, 0.3532,
0.3138

■ 0.0000, 0.0000,
0.0000

■ 31.6774, 0.3942,
0.2978

■ 31.6774, 0.3942,
0.2978

■ 26.3079, 0.4243,
0.2915

■ 38.3385, 0.3688,
0.3050

■ 22.1410, 0.4587,
0.2870

■ 46.3634, 0.3479,
0.3125

■ 19.0835, 0.4962,
0.2856


■ 55.8243, 0.3307,
0.3198


■ 17.0267, 0.5340,
0.2881

■ 66.7871, 0.3168,
0.3268

■ 15.8390, 0.5684,
0.2951

■ 79.3134, 0.3055,
0.3332

 15.3894, 0.5880,
0.3013

 93.2032, 0.2963,
0.3387

 93.8035, 0.2912,
0.3289

Harmonies

Analogous

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



31.6774, 0.3321, 0.2593



31.6774, 0.3942, 0.2978



31.6774, 0.4333, 0.3447

Triad

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



31.6774, 0.3942, 0.2978



31.6774, 0.3463, 0.4447



31.6774, 0.2025, 0.2504

Complementary

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



31.6774, 0.3942, 0.2978



58.8094, 0.2678, 0.3639

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.



31.6774, 0.2053, 0.2941



31.6774, 0.3942, 0.2978



31.6774, 0.2848, 0.4173

Square

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



31.6774, 0.3942, 0.2978



31.6774, 0.4018, 0.4314



31.6774, 0.2339, 0.3571



31.6774, 0.2247, 0.2316

Rectangle

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



31.6774, 0.3942, 0.2978



31.6774, 0.4388, 0.3770



31.6774, 0.2339, 0.3571



31.6774, 0.2006, 0.2622

Sweetspot

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



31.6790, 0.3942, 0.2978



79.1883, 0.3303, 0.3200



30.7479, 0.2915, 0.2146



16.2719, 0.3338, 0.3184



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.



31.6790, 0.3942, 0.2978



37.7705, 0.4212, 0.2920



36.6416, 0.4149, 0.3542



13.1098, 0.3249, 0.3226



9.1390, 0.5842, 0.2992



0.6065, 0.5372, 0.2733

Inverse Universe

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



31.6790, 0.3942, 0.2978



37.7705, 0.4212, 0.2920



49.9861, 0.2495, 0.3013



13.1098, 0.3249, 0.3226



9.1390, 0.5842, 0.2992



0.6065, 0.5372, 0.2733

Previews

White Background



This preview shows how the Yxy color 31.6774, 0.3942, 0.2978 looks on a white background.

Color Contrast Check

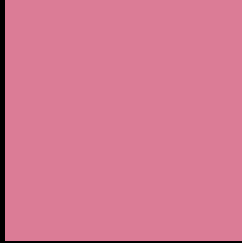
Large Text (above 18pt) WCAG AA × Fail

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 31.6774, 0.3942, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

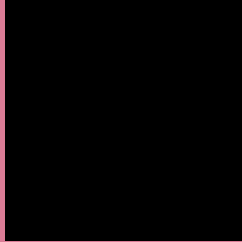
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6774, 0.3942, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 31.6774, 0.3942, 0.2978.



This preview shows how white text looks on a background with the Yxy color 31.6774, 0.3942, 0.2978.

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

31.6774, 0.3942, 0.2978

Protanopia

31.9219, 0.2991, 0.3065

Deuteranopia

31.9131, 0.3389, 0.3320



Tritanopia

31.6047, 0.4096, 0.3171

Trichromacy



Original Color

31.6774, 0.3942, 0.2978

Protanomaly

31.1493, 0.3299, 0.3021

Deuteranomaly

31.2632, 0.3585, 0.3181

Tritanomaly

31.4957, 0.4038, 0.3098

Monochromacy



Original Color

31.6774, 0.3942, 0.2978

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.7114, 0.3400, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6774, 0.3942, 0.2978 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(219, 124, 150)` looks like.

```
.text, #text, p{  
    color:rgb(219, 124, 150)  
}
```

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(219, 124, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 124, 150) }
```

Border

The CSS property to change the border of an element to Yxy 31.6774, 0.3942, 0.2978 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(219, 124, 150) }
```

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

```
.border{ border-color:rgb(219, 124, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 124, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 124, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 124, 150);  
box-shadow:4px 4px 4px 4px rgb(219, 124,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6774, 0.3942, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 124, 150) }
```

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

```
.background{ background-color: rgb(219,  
124, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor