

Converting Colors

$Y_{xy}(30.8785, 0.33370, 0.2407)$

Have a look what the booklet for
Yxy(30.8785, 0.3370, 0.2407)
contains.

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Color

Yxy(31.0410, 0.3373, 0.2414)

Conversions

Conversions Part 1

Format	Color
Hex	D477C1
RGB	212, 119, 193
RGB Percent	83%, 47%, 76%
CMY	0.1687, 0.5333, 0.2430
CMYK	0.00, 0.44, 0.09, 0.17
HSL	312°, 52%, 65%
HSV	312°, 44%, 83%
XYZ	43.3725, 31.0410, 54.1739
YIQ	155.2430, 31.6740, 42.7300

Conversions

Conversions Part 2

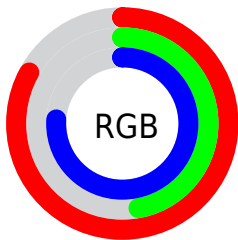
Format	Color
R _Y B	212, 119, 193
Decimal	13924289
CIE Lab	62.54, 46.40, -23.06
CIE LCh	63, 51.813, 333.571
Yxy	31.0410, 0.3373, 0.2414
Android (android.graphics.Color)	4292114369 (0xFFD477C1)
YUV	155.2430, 18.6142, 49.7759
Hunter-Lab	55.7145, 41.4582, -18.6504

Details

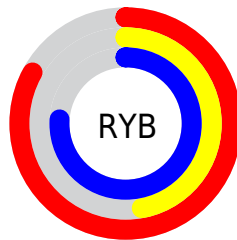
The Yxy color **31.0410, 0.3373, 0.2414** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **52.8353, 0.2955, 0.4370**, and the grayscale version is **32.7987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0493, 0.3203, 0.2532**, and **12.8470, 0.3429, 0.2182** is the 20% darker color. If you saturate the color by 10%, you get **26.3564, 0.3447, 0.2235**, and if you desaturate by 10%, it is **36.8593, 0.3305, 0.2610**.

Distribution



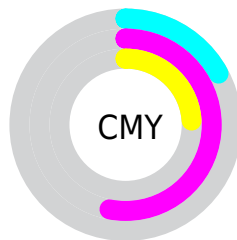
- Red (83%)
- Green (47%)
- Blue (76%)



- Red (83%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0410, 0.3373, 0.2414 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 31.0410, 0.3373, 0.2414 by changing the saturation by 10% instead.


 31.0410, 0.3373,
0.2414


 31.0410, 0.3373,
0.2414


306.7272, 0.3257,
0.2846

 20.6301, 0.3399,
0.2309


 61.3046, 0.3333,
0.2569

 12.8539, 0.3432,
0.2176


 81.9261, 0.3317,
0.2628

 7.3280, 0.3472,
0.2003


 106.7199, 0.3304,
0.2678

 3.6681, 0.3521,
0.1769

136.0704, 0.3292,
0.2721

 1.4897, 0.3581,
0.1443

170.3619, 0.3282,
0.2758

 0.2814, 0.3754,
0.0689

209.9790, 0.3273,


 0.0000, 0.3278,


0.2791


0.0000


255.3059, 0.3264,
0.2820

 0.0000, 0.0000,
0.0000


 31.0410, 0.3373,
0.2414


 31.0410, 0.3373,
0.2414


 26.3564, 0.3447,
0.2235


 36.8593, 0.3305,
0.2610

 22.7254, 0.3525,
0.2083


 43.8759, 0.3244,
0.2814

 20.0645, 0.3606,
0.1967


 52.1553, 0.3190,
0.3017


 18.2755, 0.3686,
0.1896

 61.7564, 0.3143,
0.3216

 17.2392, 0.3763,
0.1871


 72.7342, 0.3103,
0.3405

 16.8503, 0.3809,
0.1872

 85.1409, 0.3069,
0.3582

 90.8574, 0.3043,
0.3625

 91.0940, 0.3019,
0.3578

 91.3365, 0.2995,
0.3532

Harmonies

Analogous

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



31.0410, 0.2575, 0.2123



31.0410, 0.3373, 0.2414



31.0410, 0.4197, 0.2883

Triad

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



31.0410, 0.3373, 0.2414



31.0410, 0.4235, 0.4586



31.0410, 0.1769, 0.2803

Complementary

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



31.0410, 0.3373, 0.2414



52.8353, 0.2955, 0.4370

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.



31.0410, 0.2105, 0.3641



31.0410, 0.3373, 0.2414



31.0410, 0.3516, 0.4824

Square

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



31.0410, 0.3373, 0.2414



31.0410, 0.4694, 0.4053



31.0410, 0.2736, 0.4479



31.0410, 0.1746, 0.2270

Rectangle

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



31.0410, 0.3373, 0.2414



31.0410, 0.4589, 0.3256



31.0410, 0.2736, 0.4479



31.0410, 0.1845, 0.3055

Sweetspot

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



31.0424, 0.3373, 0.2414



80.2152, 0.3186, 0.3032



23.3187, 0.2460, 0.1985



16.5254, 0.3198, 0.2987



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.



31.0424, 0.3373, 0.2414



40.2276, 0.3445, 0.2240



29.2944, 0.3922, 0.2945



12.5873, 0.3169, 0.3106



10.4192, 0.3799, 0.1867



0.6397, 0.3678, 0.1800

Inverse Universe

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



31.0424, 0.3373, 0.2414



40.2276, 0.3445, 0.2240



54.4658, 0.2688, 0.3678



12.5873, 0.3169, 0.3106



10.4192, 0.3799, 0.1867



0.6397, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 31.0410, 0.3373, 0.2414 looks on a white background.

Color Contrast Check

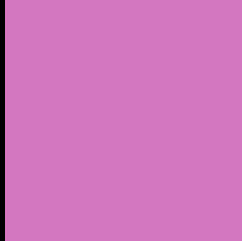
Large Text (above 18pt) WCAG AA × Fail

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 31.0410, 0.3373, 0.2414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

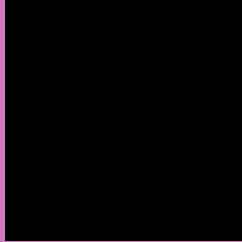
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0410, 0.3373, 0.2414

Background



This preview shows how black text looks on a background with the Yxy color 31.0410, 0.3373, 0.2414.



This preview shows how white text looks on a background with the Yxy color 31.0410, 0.3373, 0.2414.

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

31.0410, 0.3373, 0.2414

Protanopia

31.2781, 0.2442, 0.2350

Deuteranopia

31.4216, 0.2776, 0.2723



Tritanopia

30.9805, 0.3898, 0.3164

Trichromacy



Original Color

31.0410, 0.3373, 0.2414



Protanomaly

30.2046, 0.2714, 0.2344



Deuteranomaly

30.5526, 0.2969, 0.2579



Tritanomaly

30.8348, 0.3705, 0.2876

Monochromacy



Original Color

31.0410, 0.3373, 0.2414



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

31.4407, 0.3218, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0410, 0.3373, 0.2414 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(212, 119, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 119, 193)  
}
```

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(212, 119, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 119, 193) }
```

Border

The CSS property to change the border of an element to Yxy 31.0410, 0.3373, 0.2414 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(212, 119, 193) }
```

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

```
.border{ border-color:rgb(212, 119, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 119, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 119, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 119, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 119,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0410, 0.3373, 0.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 119, 193) }
```

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

```
.background{ background-color: rgb(212,  
119, 193) }
```

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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