

Converting Colors

$Y_{xy}(32.2328, 0.3061, 0.2356)$

Have a look what the booklet for
Yxy(32.2328, 0.3061, 0.2356)
contains.

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Color

Yxy(32.1573, 0.3070, 0.2357)

Conversions

Conversions Part 1

Format	Color
Hex	C482CE
RGB	196, 130, 206
RGB Percent	77%, 51%, 81%
CMY	0.2314, 0.4901, 0.1922
CMYK	0.05, 0.37, 0.00, 0.19
HSL	292°, 44%, 66%
HSV	292°, 37%, 81%
XYZ	41.8850, 32.1573, 62.3909
YIQ	158.3980, 14.9400, 37.6280

Conversions

Conversions Part 2

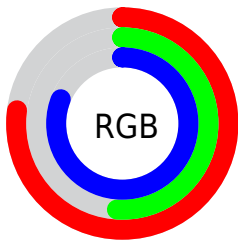
Format	Color
R _Y B	196, 130, 206
Decimal	12878542
CIE Lab	63.47, 37.94, -29.10
CIE LCh	63, 47.809, 322.512
Yxy	32.1573, 0.3070, 0.2357
Android (android.graphics.Color)	4291068622 (0xFFC482CE)
YUV	158.3980, 23.4678, 32.9770
Hunter-Lab	56.7074, 32.6050, -25.5371

Details

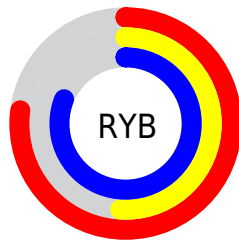
The Yxy color **32.1573, 0.3070, 0.2357** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.3320, 0.3147, 0.4375**, and the grayscale version is **34.2693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5718, 0.3152, 0.2593**, and **13.4891, 0.3039, 0.2117** is the 20% darker color. If you saturate the color by 10%, you get **26.8549, 0.3046, 0.2113**, and if you desaturate by 10%, it is **38.5661, 0.3090, 0.2613**.

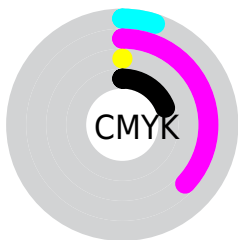
Distribution



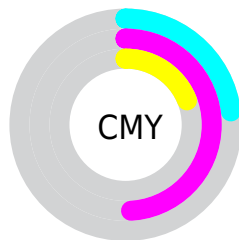
- Red (77%)
- Green (51%)
- Blue (81%)



- Red (77%)
- Yellow (51%)
- Blue (81%)



- Cyan (5%)
- Magenta (37%)
- Yellow (0%)
- Black (19%)





- Cyan (23%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1573, 0.3070, 0.2357 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 32.1573, 0.3070, 0.2357 by changing the saturation by 10% instead.


 32.1573, 0.3070,
0.2357


 32.1573, 0.3070,
0.2357


311.8352, 0.3113,
0.2814


 21.4817, 0.3055,
0.2247


 63.0576, 0.3089,
0.2520

 13.4765, 0.3033,
0.2109


 84.0511, 0.3095,
0.2582

 7.7575, 0.2999,
0.1931


 109.2526, 0.3100,
0.2635

 3.9402, 0.2944,
0.1693

139.0466, 0.3104,
0.2681

 1.6402, 0.2845,
0.1367

173.8175, 0.3107,
0.2720

 0.3844, 0.2693,
0.0752

213.9496, 0.3109,

 0.0000, 0.1579,

0.2755

0.0000

259.8274, 0.3111,
0.2786

■ 0.0000, 0.0000,
0.0000

■ 32.1573, 0.3070,
0.2357

■ 32.1573, 0.3070,
0.2357

■ 26.8549, 0.3046,
0.2113

■ 38.5661, 0.3090,
0.2613

■ 22.5888, 0.3018,
0.1890

■ 46.1375, 0.3107,
0.2870

■ 19.2875, 0.2988,
0.1699


■ 54.9288, 0.3120,
0.3122


■ 16.8687, 0.2955,
0.1547


■ 64.9926, 0.3130,
0.3364


■ 15.2361, 0.2921,
0.1439


■ 76.3779, 0.3137,
0.3590

 14.2625, 0.2887,
0.1374

 89.1316, 0.3142,
0.3800

 14.0224, 0.2876,
0.1358

 90.4215, 0.3158,
0.3811

 90.8358, 0.3175,
0.3809

 91.2570, 0.3192,
0.3806

Harmonies

Analogous

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



32.1573, 0.2401, 0.2160



32.1573, 0.3070, 0.2357



32.1573, 0.3845, 0.2742

Triad

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



32.1573, 0.3070, 0.2357



32.1573, 0.4347, 0.4333



32.1573, 0.1954, 0.3111

Complementary

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



32.1573, 0.3070, 0.2357



51.3320, 0.3147, 0.4375

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.



32.1573, 0.2380, 0.3914



32.1573, 0.3070, 0.2357



32.1573, 0.3758, 0.4662

Square

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



32.1573, 0.3070, 0.2357



32.1573, 0.4623, 0.3809



32.1573, 0.3037, 0.4545



32.1573, 0.1823, 0.2503

Rectangle

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



32.1573, 0.3070, 0.2357



32.1573, 0.4284, 0.3073



32.1573, 0.3037, 0.4545



32.1573, 0.2064, 0.3370

Sweetspot

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



32.1587, 0.3070, 0.2357



82.6965, 0.3115, 0.3016



28.0014, 0.2479, 0.2334



17.2817, 0.3113, 0.2982



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.



32.1587, 0.3070, 0.2357



45.3678, 0.3052, 0.2168



32.3102, 0.3456, 0.2692



11.3259, 0.3117, 0.3060



8.6650, 0.2881, 0.1361



0.4684, 0.2949, 0.1398

Inverse Universe

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



30.9846, 0.3897, 0.3163



43.2993, 0.4143, 0.3138



51.3533, 0.2902, 0.3980



11.2373, 0.3270, 0.3260



8.1373, 0.6217, 0.3198



0.4279, 0.5777, 0.2956

Previews

White Background



This preview shows how the Yxy color 32.1573, 0.3070, 0.2357 looks on a white background.

Color Contrast Check

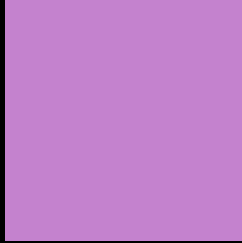
Large Text (above 18pt) WCAG AA × Fail

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 32.1573, 0.3070, 0.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

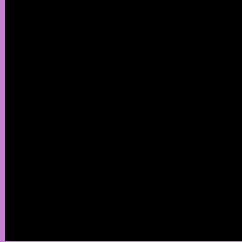
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1573, 0.3070, 0.2357

Background



This preview shows how black text looks on a background with the Yxy color 32.1573, 0.3070, 0.2357.



This preview shows how white text looks on a background with the Yxy color 32.1573, 0.3070, 0.2357.

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

32.1573, 0.3070, 0.2357

Protanopia

32.6095, 0.2408, 0.2315

Deuteranopia

32.2371, 0.2631, 0.2566



Tritanopia

32.0081, 0.3525, 0.3140

Trichromacy



Original Color

32.1573, 0.3070, 0.2357

Protanomaly

31.9248, 0.2613, 0.2316

Deuteranomaly

31.6381, 0.2776, 0.2474

Tritanomaly

31.9462, 0.3351, 0.2827

Monochromacy



Original Color

32.1573, 0.3070, 0.2357

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0456, 0.3115, 0.2913

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1573, 0.3070, 0.2357 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(196, 130, 206)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 206)  
}
```

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(196, 130, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 206) }
```

Border

The CSS property to change the border of an element to Yxy 32.1573, 0.3070, 0.2357 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(196, 130, 206) }
```

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

```
.border{ border-color:rgb(196, 130, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 130, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 206);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1573, 0.3070, 0.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 206) }
```

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

```
.background{ background-color: rgb(196,  
130, 206) }
```

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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