

Converting Colors

$Y_{xy}(24.3164, 0.3526, 0.2375)$

Have a look what the booklet for
Yxy(24.3164, 0.3526, 0.2375)
contains.

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Color

Yxy(24.3197, 0.3524, 0.2381)

Conversions

Conversions Part 1

Format	Color
Hex	C963AC
RGB	201, 99, 172
RGB Percent	79%, 39%, 67%
CMY	0.2118, 0.6117, 0.3255
CMYK	0.00, 0.51, 0.14, 0.21
HSL	317°, 49%, 59%
HSV	317°, 51%, 79%
XYZ	35.9944, 24.3197, 41.8266
YIQ	137.8200, 37.3590, 44.3270

Conversions

Conversions Part 2

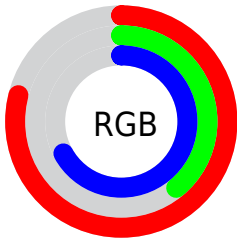
Format	Color
R_{YB}	201, 99, 172
Decimal	13198252
CIE _{Lab}	56.41, 49.65, -20.55
CIE _{LCh}	56, 53.732, 337.516
Yxy	24.3197, 0.3524, 0.2381
Android (android.graphics.Color)	4291388332 (0xFFC963AC)
YUV	137.8200, 16.8507, 55.4089
Hunter-Lab	49.3150, 43.9836, -15.7664

Details

The Yxy color **24.3197, 0.3524, 0.2381** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.9826, 0.2888, 0.4437**, and the grayscale version is **25.2687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6439, 0.3404, 0.2536**, and **9.2526, 0.3640, 0.2104** is the 20% darker color. If you saturate the color by 10%, you get **20.7595, 0.3633, 0.2233**, and if you desaturate by 10%, it is **28.8393, 0.3424, 0.2551**.

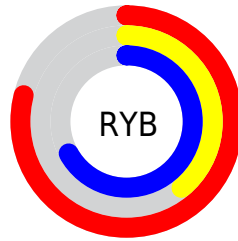
Distribution



Red (79%)

Green (39%)

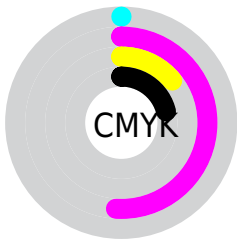
Blue (67%)



Red (79%)

Yellow (39%)

Blue (67%)

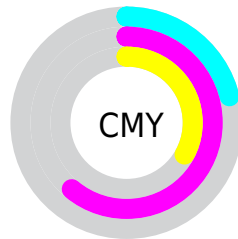


Cyan (0%)

Magenta (51%)

Yellow (14%)

Black (21%)



Cyan (21%)


Magenta (61%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3197, 0.3524, 0.2381 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 24.3197, 0.3524, 0.2381 by changing the saturation by 10% instead.


 24.3197, 0.3524,
0.2381


 24.3197, 0.3524,
0.2381


274.4328, 0.3322,
0.2846


 15.5709, 0.3575,
0.2263


 50.5514, 0.3450,
0.2552

 9.2211, 0.3640,
0.2110


 68.8031, 0.3422,
0.2615

 4.8857, 0.3727,
0.1907


 90.9913, 0.3399,
0.2669

 2.1803, 0.3847,
0.1625

 117.5004, 0.3379,
0.2715

 0.7092, 0.4024,
0.1201

148.7146, 0.3362,
0.2754

 0.0000, 0.4537,
0.0000

185.0185, 0.3347,

 0.0000, 0.0000,

0.2789

0.0000

226.7965, 0.3334,
0.2819

■ 24.3197, 0.3524,
0.2381

■ 24.3197, 0.3524,
0.2381

■ 20.7595, 0.3633,
0.2233

■ 28.8393, 0.3424,
0.2551

■ 18.0834, 0.3749,
0.2116

■ 34.3793, 0.3334,
0.2733

■ 16.2107, 0.3869,
0.2042

■ 40.9995, 0.3256,
0.2919

■ 15.0440, 0.3987,
0.2016

■ 48.7543, 0.3189,
0.3102

■ 14.4259, 0.4093,
0.2029

■ 57.6943, 0.3131,
0.3277

■ 67.8670, 0.3082,
0.3443

■ 79.3175, 0.3042,
0.3598

■ 88.9838, 0.3008,
0.3693

■ 89.2877, 0.2977,
0.3630

Harmonies

Analogous

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



24.3197, 0.2611, 0.2037



24.3197, 0.3524, 0.2381



24.3197, 0.4433, 0.2907

Triad

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



24.3197, 0.3524, 0.2381



24.3197, 0.4242, 0.4778



24.3197, 0.1610, 0.2631

Complementary

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



24.3197, 0.3524, 0.2381



45.9826, 0.2888, 0.4437

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.



24.3197, 0.1919, 0.3539



24.3197, 0.3524, 0.2381



24.3197, 0.3421, 0.5018

Square

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



24.3197, 0.3524, 0.2381



24.3197, 0.4818, 0.4186



24.3197, 0.2569, 0.4545



24.3197, 0.1632, 0.2106

Rectangle

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



24.3197, 0.3524, 0.2381



24.3197, 0.4827, 0.3316



24.3197, 0.2569, 0.4545



24.3197, 0.1674, 0.2895

Sweetspot

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



24.3209, 0.3524, 0.2381



77.2962, 0.3218, 0.3021



17.7242, 0.2413, 0.1790



15.9421, 0.3232, 0.2981



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.



24.3209, 0.3524, 0.2381



34.9612, 0.3646, 0.2218



22.7254, 0.4236, 0.3008



10.7632, 0.3180, 0.3126



9.0874, 0.4078, 0.2020



0.4423, 0.3857, 0.1898

Inverse Universe

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



24.3209, 0.3524, 0.2381



34.9612, 0.3646, 0.2218



47.6746, 0.2591, 0.3616



10.7632, 0.3180, 0.3126



9.0874, 0.4078, 0.2020



0.4423, 0.3857, 0.1898

Previews

White Background



This preview shows how the Yxy color 24.3197, 0.3524, 0.2381 looks on a white background.

Color Contrast Check

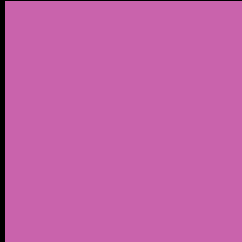
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3197, 0.3524, 0.2381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

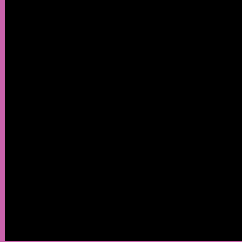
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3197, 0.3524, 0.2381

Background



This preview shows how black text looks on a background with the Yxy color 24.3197, 0.3524, 0.2381.



This preview shows how white text looks on a background with the Yxy color 24.3197, 0.3524, 0.2381.

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

24.3197, 0.3524, 0.2381

Protanopia

24.7722, 0.2401, 0.2306

Deuteranopia

24.5966, 0.2814, 0.2757



Tritanopia

24.3029, 0.4131, 0.3185

Trichromacy



Original Color

24.3197, 0.3524, 0.2381

Protanomaly

23.4599, 0.2719, 0.2288

Deuteranomaly

23.7710, 0.3046, 0.2586

Tritanomaly

24.2207, 0.3910, 0.2881

Monochromacy



Original Color

24.3197, 0.3524, 0.2381

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.1944, 0.3275, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3197, 0.3524, 0.2381 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(201, 99, 172)` looks like.

```
.text, #text, p{  
    color:rgb(201, 99, 172)  
}
```

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(201, 99, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 99, 172) }
```

Border

The CSS property to change the border of an element to Yxy 24.3197, 0.3524, 0.2381 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(201, 99, 172) }
```

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

```
.border{ border-color:rgb(201, 99, 172) }
```

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

Here you see how a box with a 4 pixel rgb(201, 99, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 99, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 99, 172);  
box-shadow:4px 4px 4px 4px rgb(201, 99,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3197, 0.3524, 0.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 99, 172) }
```

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

```
.background{ background-color: rgb(201, 99,  
172) }
```

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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