

Converting Colors

$Y_{xy}(24.7665, 0.3430, 0.2380)$

Have a look what the booklet for
Yxy(24.7665, 0.3430, 0.2380)
contains.

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Color

Yxy(24.6660, 0.3434, 0.2378)

Conversions

Conversions Part 1

Format	Color
Hex	C567AF
RGB	197, 103, 175
RGB Percent	77%, 40%, 69%
CMY	0.2273, 0.5961, 0.3137
CMYK	0.00, 0.48, 0.11, 0.23
HSL	314°, 45%, 59%
HSV	314°, 48%, 77%
XYZ	35.6194, 24.6660, 43.4404
YIQ	139.3140, 32.9120, 42.3200

Conversions

Conversions Part 2

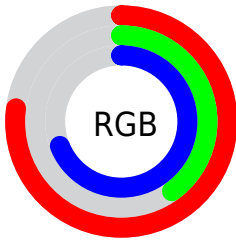
Format	Color
RYB	197, 103, 175
Decimal	12937135
CIELab	56.75, 46.91, -21.81
CIElCh	57, 51.733, 335.071
Yxy	24.6660, 0.3434, 0.2378
Android (android.graphics.Color)	4291127215 (0xFFC567AF)
YUV	139.3140, 17.5932, 50.5906
Hunter-Lab	49.6649, 41.1059, -17.0938

Details

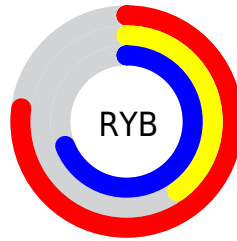
The Yxy color **24.6660, 0.3434, 0.2378** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.3095, 0.2927, 0.4431**, and the grayscale version is **25.8672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1435, 0.3373, 0.2547**, and **9.3491, 0.3524, 0.2107** is the 20% darker color. If you saturate the color by 10%, you get **21.0211, 0.3521, 0.2213**, and if you desaturate by 10%, it is **29.2428, 0.3354, 0.2562**.

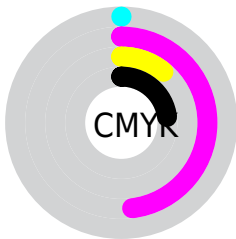
Distribution



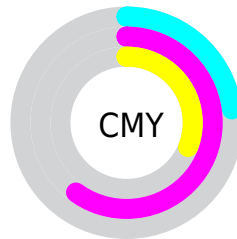
- Red (77%)
- Green (40%)
- Blue (69%)



- Red (77%)
- Yellow (40%)
- Blue (69%)



- Cyan (0%)
- Magenta (48%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6660, 0.3434, 0.2378 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 24.6660, 0.3434, 0.2378 by changing the saturation by 10% instead.


 24.6660, 0.3434,
0.2378


 24.6660, 0.3434,
0.2378


276.1705, 0.3282,
0.2843

 15.8284, 0.3471,
0.2260


 51.1149, 0.3379,
0.2549


 9.4028, 0.3518,
0.2108

 69.4949, 0.3358,
0.2612

 5.0048, 0.3578,
0.1906


 91.8245, 0.3341,
0.2666

 2.2501, 0.3656,
0.1627

 118.4882, 0.3326,
0.2712

 0.7471, 0.3762,
0.1213

149.8702, 0.3312,
0.2751

 0.0000, 0.4128,
0.0000

186.3550, 0.3301,

 0.0000, 0.0000,

0.2786

0.0000

228.3269, 0.3291,
0.2816

■ 24.6660, 0.3434,
0.2378

■ 24.6660, 0.3434,
0.2378

■ 21.0211, 0.3521,
0.2213

■ 29.2428, 0.3354,
0.2562

■ 18.2386, 0.3613,
0.2078

■ 34.8075, 0.3282,
0.2757

■ 16.2451, 0.3707,
0.1982


■ 41.4159, 0.3219,
0.2954


■ 14.9533, 0.3800,
0.1932

■ 49.1183, 0.3164,
0.3146


■ 14.2357, 0.3890,
0.1927


■ 57.9622, 0.3117,
0.3331

 14.1045, 0.3911,
0.1928

 67.9920, 0.3077,
0.3505

 79.2497, 0.3044,
0.3668

 88.1438, 0.3016,
0.3761

 88.3800, 0.2991,
0.3709

Harmonies

Analogous

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



24.6660, 0.2570, 0.2061



24.6660, 0.3434, 0.2378



24.6660, 0.4318, 0.2878

Triad

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



24.6660, 0.3434, 0.2378



24.6660, 0.4266, 0.4690



24.6660, 0.1673, 0.2720

Complementary

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



24.6660, 0.3434, 0.2378



44.3095, 0.2927, 0.4431

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.



24.6660, 0.2005, 0.3614



24.6660, 0.3434, 0.2378



24.6660, 0.3487, 0.4947

Square

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



24.6660, 0.3434, 0.2378



24.6660, 0.4786, 0.4115



24.6660, 0.2659, 0.4549



24.6660, 0.1668, 0.2179

Rectangle

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



24.6660, 0.3434, 0.2378



24.6660, 0.4724, 0.3273



24.6660, 0.2659, 0.4549



24.6660, 0.1746, 0.2985

Sweetspot

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



24.6672, 0.3434, 0.2378



78.7727, 0.3199, 0.3022



18.0850, 0.2421, 0.1873



16.2382, 0.3211, 0.2979



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.



24.6672, 0.3434, 0.2378



37.5543, 0.3522, 0.2211



23.1322, 0.4067, 0.2960



10.7725, 0.3173, 0.3115



9.2876, 0.3900, 0.1922



0.4504, 0.3727, 0.1827

Inverse Universe

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



24.6672, 0.3434, 0.2378



37.5543, 0.3522, 0.2211



45.8051, 0.2642, 0.3667



10.7725, 0.3173, 0.3115



9.2876, 0.3900, 0.1922



0.4504, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 24.6660, 0.3434, 0.2378 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 24.6660, 0.3434, 0.2378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

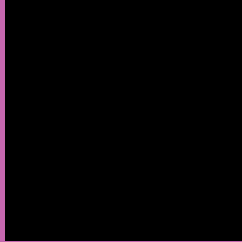
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6660, 0.3434, 0.2378

Background



This preview shows how black text looks on a background with the Yxy color 24.6660, 0.3434, 0.2378.



This preview shows how white text looks on a background with the Yxy color 24.6660, 0.3434, 0.2378.

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

24.6660, 0.3434, 0.2378

Protanopia

24.8867, 0.2402, 0.2296

Deuteranopia

24.9390, 0.2770, 0.2714



Tritanopia

24.5411, 0.4012, 0.3168

Trichromacy



Original Color

24.6660, 0.3434, 0.2378



Protanomaly

23.9034, 0.2703, 0.2303



Deuteranomaly

24.2124, 0.2983, 0.2558



Tritanomaly

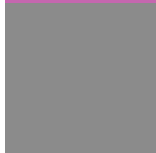
24.4423, 0.3796, 0.2859

Monochromacy



Original Color

24.6660, 0.3434, 0.2378



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.6623, 0.3239, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6660, 0.3434, 0.2378 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(197, 103, 175)` looks like.

```
.text, #text, p{  
    color:rgb(197, 103, 175)  
}
```

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(197, 103, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 103, 175) }
```

Border

The CSS property to change the border of an element to Yxy 24.6660, 0.3434, 0.2378 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(197, 103, 175) }
```

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

```
.border{ border-color:rgb(197, 103, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 103, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 103, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 103, 175);  
box-shadow:4px 4px 4px 4px rgb(197, 103,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6660, 0.3434, 0.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 103, 175) }
```

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

```
.background{ background-color: rgb(197,  
103, 175) }
```

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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