

Converting Colors

$Y_{xy}(24.8102, 0.3083, 0.1955)$

Have a look what the booklet for
Yxy(24.8102, 0.3083, 0.1955)
contains.

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Color

Yxy(24.7510, 0.3079, 0.1951)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C75ED1 |
| RGB | 199, 94, 209 |
| RGB Percent | 78%, 37%, 82% |
| CMY | 0.2197, 0.6313, 0.1803 |
| CMYK | 0.05, 0.55, 0.00, 0.18 |
| HSL | 295°, 56%, 59% |
| HSV | 295°, 55%, 82% |
| XYZ | 39.0612, 24.7510, 63.0510 |
| YIQ | 138.5050, 25.6650, 58.0250 |

Conversions

Conversions Part 2

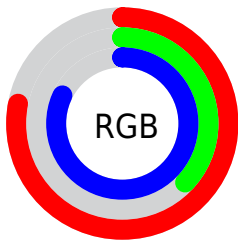
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 199, 94, 209 |
| Decimal | 13065937 |
| CIE Lab | 56.83, 57.81, -41.13 |
| CIE LCh | 57, 70.947, 324.569 |
| Yxy | 24.7510, 0.3079, 0.1951 |
| Android (android.graphics.Color) | 4291256017 (0xFFC75ED1) |
| YUV | 138.5050, 34.7540, 53.0541 |
| Hunter-Lab | 49.7504, 53.0849, -40.3157 |

Details

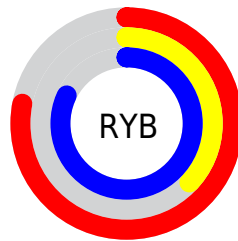
The Yxy color **24.7510, 0.3079, 0.1951** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **49.3645, 0.3103, 0.5016**, and the grayscale version is **25.4780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9749, 0.3175, 0.2266**, and **9.4070, 0.3016, 0.1608** is the 20% darker color. If you saturate the color by 10%, you get **21.2757, 0.3062, 0.1762**, and if you desaturate by 10%, it is **29.2378, 0.3094, 0.2171**.

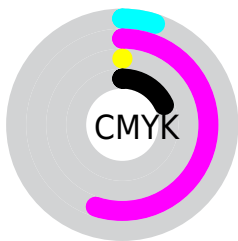
Distribution



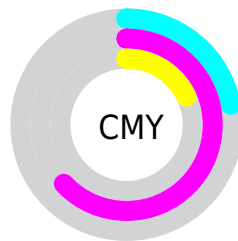
- Red (78%)
- Green (37%)
- Blue (82%)



- Red (78%)
- Yellow (37%)
- Blue (82%)



- Cyan (5%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)





- Cyan (22%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7510, 0.3079, 0.1951 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 24.7510, 0.3079, 0.1951 by changing the saturation by 10% instead.

 24.7510, 0.3079,
0.1951


 24.7510, 0.3079,
0.1951


276.5956, 0.3134,
0.2600


 15.8916, 0.3056,
0.1799


 51.2530, 0.3106,
0.2180

 9.4475, 0.3020,
0.1612


 69.6644, 0.3114,
0.2268

 5.0342, 0.2964,
0.1377


 92.0286, 0.3120,
0.2344

 2.2673, 0.2868,
0.1080

 118.7300, 0.3124,
0.2409

 0.7563, 0.2696,
0.0703

150.1531, 0.3128,
0.2466

 0.0000, 0.2422,
0.0000

186.6821, 0.3130,


 0.0000, 0.0190,


0.2516

0.0000

228.7015, 0.3132,
0.2560

 0.0000, 0.0000,
0.0000

 24.7510, 0.3079,
0.1951

 24.7510, 0.3079,
0.1951


 21.2757, 0.3062,
0.1762

 29.2378, 0.3094,
0.2171


 18.7252, 0.3043,
0.1612


 34.8070, 0.3106,
0.2412


 17.0042, 0.3022,
0.1505

 41.5265, 0.3115,
0.2664

 15.9946, 0.3000,
0.1442

 49.4581, 0.3121,
0.2919

 15.6505, 0.2989,
0.1420

 58.6590, 0.3126,
0.3169

■ 69.1829, 0.3128,
0.3407

■ 81.0801, 0.3129,
0.3632

■ 90.3568, 0.3132,
0.3780

■ 90.6322, 0.3144,
0.3778

Harmonies

Analogous

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



24.7510, 0.2066, 0.1661



24.7510, 0.3079, 0.1951



24.7510, 0.4346, 0.2487

Triad

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



24.7510, 0.3079, 0.1951



24.7510, 0.4814, 0.4753



24.7510, 0.1351, 0.2835

Complementary

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



24.7510, 0.3079, 0.1951



49.3645, 0.3103, 0.5016

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.



24.7510, 0.1870, 0.4227



24.7510, 0.3079, 0.1951



24.7510, 0.3859, 0.5458

Square

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



24.7510, 0.3079, 0.1951



24.7510, 0.5401, 0.3927



24.7510, 0.2794, 0.5413



24.7510, 0.1244, 0.1994

Rectangle

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



24.7510, 0.3079, 0.1951



24.7510, 0.5049, 0.2934



24.7510, 0.2794, 0.5413



24.7510, 0.1474, 0.3252

Sweetspot

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



24.7521, 0.3079, 0.1951



74.6813, 0.3120, 0.2864



17.1943, 0.2103, 0.1703



15.4287, 0.3119, 0.2812



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.



24.7521, 0.3079, 0.1951



32.5666, 0.3059, 0.1733



24.2117, 0.3747, 0.2458



11.9544, 0.3124, 0.3060



9.6697, 0.2992, 0.1422



0.5564, 0.3034, 0.1445

Inverse Universe

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



22.5674, 0.4613, 0.3173



28.9753, 0.5136, 0.3167



49.8840, 0.2801, 0.4346



11.8248, 0.3277, 0.3270



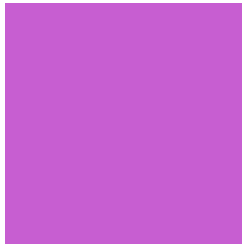
8.3914, 0.6295, 0.3241



0.4751, 0.5988, 0.3073

Previews

White Background



This preview shows how the Yxy color 24.7510, 0.3079, 0.1951 looks on a white background.

Color Contrast Check

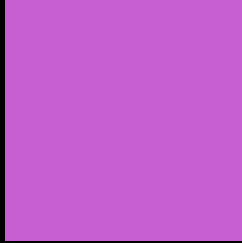
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7510, 0.3079, 0.1951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

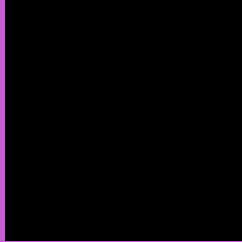
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7510, 0.3079, 0.1951

Background



This preview shows how black text looks on a background with the Yxy color 24.7510, 0.3079, 0.1951.



This preview shows how white text looks on a background with the Yxy color 24.7510, 0.3079, 0.1951.

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

24.7510, 0.3079, 0.1951

Protanopia

25.1915, 0.1991, 0.1768

Deuteranopia

25.1238, 0.2337, 0.2279



Tritanopia

24.6628, 0.3939, 0.3166

Trichromacy



Original Color

24.7510, 0.3079, 0.1951



Protanomaly

23.3988, 0.2251, 0.1778



Deuteranomaly

23.8333, 0.2552, 0.2097



Tritanomaly

24.3319, 0.3604, 0.2649

Monochromacy



Original Color

24.7510, 0.3079, 0.1951



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.4233, 0.3122, 0.2677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7510, 0.3079, 0.1951 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(199, 94, 209)` looks like.

```
.text, #text, p{  
  color:rgb(199, 94, 209)  
}
```

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(199, 94, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 94, 209) }
```

Border

The CSS property to change the border of an element to Yxy 24.7510, 0.3079, 0.1951 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(199, 94, 209) }
```

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

```
.border{ border-color:rgb(199, 94, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 94, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 94, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 94, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 94,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7510, 0.3079, 0.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 94, 209) }
```

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

```
.background{ background-color: rgb(199, 94,  
209) }
```

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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