

Converting Colors

$Y_{xy}(23.9124, 0.4099, 0.2523)$

Have a look what the booklet for
Yxy(23.9124, 0.4099, 0.2523)
contains.

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Color

Yxy(23.7985, 0.4104, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	DE5297
RGB	222, 82, 151
RGB Percent	87%, 32%, 59%
CMY	0.1294, 0.6784, 0.4078
CMYK	0.00, 0.63, 0.32, 0.13
HSL	330°, 68%, 60%
HSV	330°, 63%, 87%
XYZ	38.7268, 23.7985, 31.8383
YIQ	131.7260, 61.2910, 51.1390

Conversions

Conversions Part 2

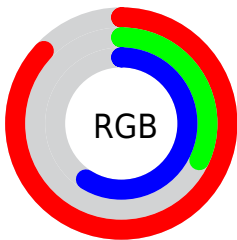
Format	Color
R _{YB}	222, 82, 151
Decimal	14570135
CIE Lab	55.89, 60.82, -8.81
CIE LCh	56, 61.459, 351.761
Yxy	23.7985, 0.4104, 0.2522
Android (android.graphics.Color)	4292760215 (0xFFDE5297)
YUV	131.7260, 9.5021, 79.1703
Hunter-Lab	48.7837, 56.3303, -4.5465

Details

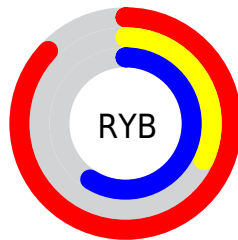
The Yxy color **23.7985, 0.4104, 0.2522** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **56.3324, 0.2702, 0.4306**, and the grayscale version is **22.9214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8447, 0.3648, 0.2607**, and **8.9696, 0.4454, 0.2278** is the 20% darker color. If you saturate the color by 10%, you get **20.6270, 0.4346, 0.2460**, and if you desaturate by 10%, it is **28.0900, 0.3882, 0.2619**.

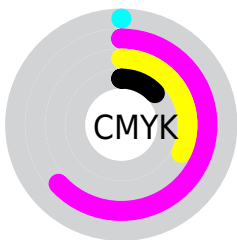
Distribution



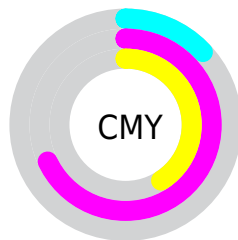
- Red (87%)
- Green (32%)
- Blue (59%)



- Red (87%)
- Yellow (32%)
- Blue (59%)



- Cyan (0%)
- Magenta (63%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (68%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7985, 0.4104, 0.2522 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 23.7985, 0.4104, 0.2522 by changing the saturation by 10% instead.


 23.7985, 0.4104,
0.2522

 23.7985, 0.4104,
0.2522


271.8002, 0.3575,
0.2927


 15.1842, 0.4250,
0.2415


 49.7012, 0.3901,
0.2674

 8.9488, 0.4446,
0.2273


 67.7584, 0.3829,
0.2730

 4.7078, 0.4723,
0.2079


 89.7320, 0.3768,
0.2776

 2.0768, 0.5138,
0.1801

 116.0064, 0.3717,
0.2815

 0.6516, 0.5840,
0.1340

146.9660, 0.3674,
0.2849

 0.0000, 0.8993,
0.0000

182.9953, 0.3636,

 0.0000, 0.0000,

0.2879

0.0000

224.4785, 0.3604,
0.2904

■ 23.7985, 0.4104,
0.2522

■ 23.7985, 0.4104,
0.2522

■ 20.6270, 0.4346,
0.2460

■ 28.0900, 0.3882,
0.2619

■ 18.4619, 0.4599,
0.2444

■ 33.5929, 0.3685,
0.2737

■ 17.1722, 0.4848,
0.2483

■ 40.3937, 0.3516,
0.2867

■ 16.6420, 0.5015,
0.2536

■ 48.5694, 0.3373,
0.2999

■ 58.1914, 0.3253,
0.3129

■ 69.3258, 0.3154,
0.3254

■ 82.0348, 0.3072,
0.3370

■ 93.4031, 0.3004,
0.3432

■ 94.0969, 0.2943,
0.3317

Harmonies

Analogous

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



23.7985, 0.2996, 0.2042



23.7985, 0.4104, 0.2522



23.7985, 0.4979, 0.3154

Triad

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



23.7985, 0.4104, 0.2522



23.7985, 0.3923, 0.5190



23.7985, 0.1406, 0.2192

Complementary

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



23.7985, 0.4104, 0.2522



56.3324, 0.2702, 0.4306

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.



23.7985, 0.1553, 0.3010



23.7985, 0.4104, 0.2522



23.7985, 0.2956, 0.5170

Square

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



23.7985, 0.4104, 0.2522



23.7985, 0.4748, 0.4592



23.7985, 0.2085, 0.4226



23.7985, 0.1591, 0.1825

Rectangle

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



23.7985, 0.4104, 0.2522



23.7985, 0.5200, 0.3617



23.7985, 0.2085, 0.4226



23.7985, 0.1416, 0.2409

Sweetspot

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



23.7997, 0.4104, 0.2522



71.4055, 0.3323, 0.3051



17.9855, 0.2467, 0.1522



14.5026, 0.3360, 0.3013



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.



23.7997, 0.4104, 0.2522



27.0443, 0.4435, 0.2449



22.1741, 0.5152, 0.3296



13.8126, 0.3215, 0.3175



9.9081, 0.4982, 0.2518



0.7048, 0.4635, 0.2327

Inverse Universe

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



23.7997, 0.4104, 0.2522



27.0443, 0.4435, 0.2449



59.3065, 0.2372, 0.3288



13.8126, 0.3215, 0.3175



9.9081, 0.4982, 0.2518



0.7048, 0.4635, 0.2327

Previews

White Background



This preview shows how the Yxy color 23.7985, 0.4104, 0.2522 looks on a white background.

Color Contrast Check

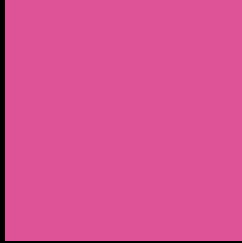
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7985, 0.4104, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

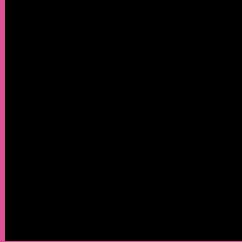
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7985, 0.4104, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 23.7985, 0.4104, 0.2522.



This preview shows how white text looks on a background with the Yxy color 23.7985, 0.4104, 0.2522.

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

23.7985, 0.4104, 0.2522

Protanopia

24.1998, 0.2520, 0.2464

Deuteranopia

24.0859, 0.3126, 0.3076



Tritanopia

23.8309, 0.4769, 0.3227

Trichromacy



Original Color

23.7985, 0.4104, 0.2522

Protanomaly

22.1197, 0.2972, 0.2411

Deuteranomaly

22.6875, 0.3464, 0.2788

Tritanomaly

23.7043, 0.4524, 0.2962

Monochromacy



Original Color

23.7985, 0.4104, 0.2522

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

21.8980, 0.3476, 0.2906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7985, 0.4104, 0.2522 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(222, 82, 151)` looks like.

```
.text, #text, p{  
    color:rgb(222, 82, 151)  
}
```

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(222, 82, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 82, 151) }
```

Border

The CSS property to change the border of an element to Yxy 23.7985, 0.4104, 0.2522 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(222, 82, 151) }
```

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

```
.border{ border-color:rgb(222, 82, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 82, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 82, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 82, 151);  
box-shadow:4px 4px 4px 4px rgb(222, 82,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7985, 0.4104, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 82, 151) }
```

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

```
.background{ background-color: rgb(222, 82,  
151) }
```

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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