

Converting Colors

$Y_{xy}(23.4407, 0.4420, 0.2806)$

Have a look what the booklet for
Yxy(23.4407, 0.4420, 0.2806)
contains.

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Color

Yxy(23.4541, 0.4417, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	DD5581
RGB	221, 85, 129
RGB Percent	87%, 33%, 51%
CMY	0.1334, 0.6666, 0.4941
CMYK	0.00, 0.62, 0.42, 0.13
HSL	341°, 67%, 60%
HSV	341°, 62%, 87%
XYZ	37.0253, 23.4541, 23.3451
YIQ	130.6800, 66.9320, 42.5160

Conversions

Conversions Part 2

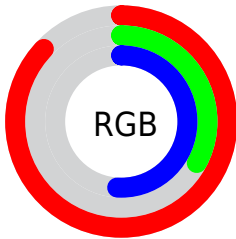
Format	Color
R_{YB}	221, 85, 129
Decimal	14505345
CIE _{Lab}	55.54, 56.82, 3.64
CIE _{LCh}	56, 56.933, 3.661
Yxy	23.4541, 0.4417, 0.2798
Android (android.graphics.Color)	4292695425 (0xFFDD5581)
YUV	130.6800, -0.8282, 79.2106
Hunter-Lab	48.4294, 51.7154, 5.3202

Details

The Yxy color **23.4541, 0.4417, 0.2798** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **56.8094, 0.2590, 0.3920**, and the grayscale version is **22.5655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6872, 0.3883, 0.2865**, and **8.7301, 0.4895, 0.2600** is the 20% darker color. If you saturate the color by 10%, you get **20.1323, 0.4759, 0.2767**, and if you desaturate by 10%, it is **27.9227, 0.4107, 0.2859**.

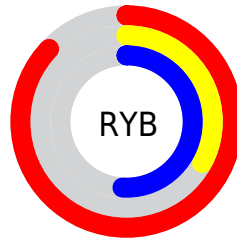
Distribution



Red (87%)

Green (33%)

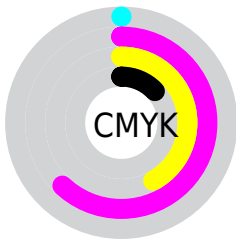
Blue (51%)



Red (87%)

Yellow (33%)

Blue (51%)

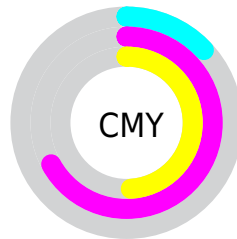


Cyan (0%)

Magenta (62%)

Yellow (42%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4541, 0.4417, 0.2798 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 23.4541, 0.4417, 0.2798 by changing the saturation by 10% instead.


 23.4541, 0.4417,
0.2798


 23.4541, 0.4417,
0.2798


270.0488, 0.3701,
0.3077


 14.9292, 0.4621,
0.2716


 49.1379, 0.4139,
0.2908

 8.7697, 0.4898,
0.2602


 67.0655, 0.4040,
0.2947

 4.5913, 0.5294,
0.2437

 88.8962, 0.3958,
0.2979

 2.0095, 0.5898,
0.2177

 115.0143, 0.3890,
0.3005

 0.6130, 0.7129,
0.1715

145.8042, 0.3832,
0.3027

 0.0000, 1.0000,
0.0000

181.6504, 0.3782,

 0.0000, 0.0000,

0.3047

0.0000

222.9371, 0.3739,
0.3063

■ 23.4541, 0.4417,
0.2798

■ 23.4541, 0.4417,
0.2798

■ 20.1323, 0.4759,
0.2767

■ 27.9227, 0.4107,
0.2859

■ 17.8460, 0.5114,
0.2778

■ 33.6283, 0.3838,
0.2937

■ 16.4682, 0.5452,
0.2837

■ 40.6561, 0.3611,
0.3023

■ 15.8301, 0.5707,
0.2917

■ 49.0828, 0.3423,
0.3112

■ 58.9793, 0.3270,
0.3197

70.4114, 0.3144,
0.3278

83.4412, 0.3042,
0.3353

93.7039, 0.2957,
0.3354

94.1090, 0.2923,
0.3289

Harmonies

Analogous

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



23.4541, 0.3413, 0.2268



23.4541, 0.4417, 0.2798



23.4541, 0.5019, 0.3439

Triad

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



23.4541, 0.4417, 0.2798



23.4541, 0.3541, 0.5150



23.4541, 0.1529, 0.2078

Complementary

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



23.4541, 0.4417, 0.2798



56.8094, 0.2590, 0.3920

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.



23.4541, 0.1544, 0.2679



23.4541, 0.4417, 0.2798



23.4541, 0.2631, 0.4762

Square

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



23.4541, 0.4417, 0.2798



23.4541, 0.4393, 0.4789



23.4541, 0.1908, 0.3698



23.4541, 0.1831, 0.1860

Rectangle

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



23.4541, 0.4417, 0.2798



23.4541, 0.5054, 0.3895



23.4541, 0.1908, 0.3698



23.4541, 0.1498, 0.2231

Sweetspot

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



23.4554, 0.4417, 0.2798



72.2889, 0.3368, 0.3141



20.9115, 0.2716, 0.1664



14.6536, 0.3416, 0.3115



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.



23.4554, 0.4417, 0.2798



26.7327, 0.4868, 0.2766



26.6844, 0.4886, 0.3545



13.1206, 0.3241, 0.3215



9.2163, 0.5666, 0.2895



0.6126, 0.5202, 0.2640

Inverse Universe

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



23.4554, 0.4417, 0.2798



26.7327, 0.4868, 0.2766



47.6871, 0.2311, 0.2973



13.1206, 0.3241, 0.3215



9.2163, 0.5666, 0.2895



0.6126, 0.5202, 0.2640

Previews

White Background



This preview shows how the Yxy color 23.4541, 0.4417, 0.2798 looks on a white background.

Color Contrast Check

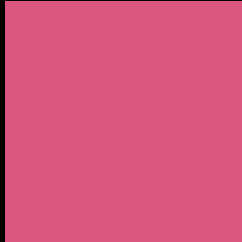
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4541, 0.4417, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

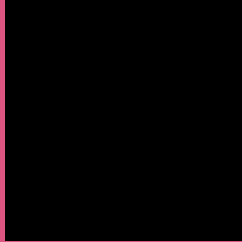
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4541, 0.4417, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 23.4541, 0.4417, 0.2798.



This preview shows how white text looks on a background with the Yxy color 23.4541, 0.4417, 0.2798.

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

23.4541, 0.4417, 0.2798

Protanopia

23.6040, 0.2845, 0.2871

Deuteranopia

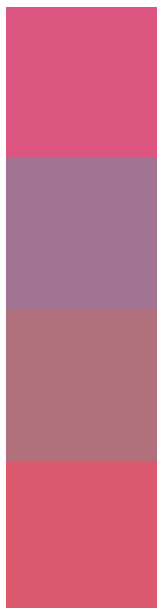
23.5897, 0.3458, 0.3407



Tritanopia

23.4053, 0.4843, 0.3229

Trichromacy



Original Color

23.4541, 0.4417, 0.2798

Protanomaly

22.0494, 0.3336, 0.2797

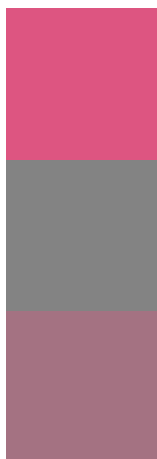
Deuteranomaly

22.5210, 0.3804, 0.3114

Tritanomaly

23.4645, 0.4691, 0.3070

Monochromacy



Original Color

23.4541, 0.4417, 0.2798

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.5388, 0.3580, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4541, 0.4417, 0.2798 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(221, 85, 129)` looks like.

```
.text, #text, p{  
  color:rgb(221, 85, 129)  
}
```

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(221, 85, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 129) }
```

Border

The CSS property to change the border of an element to Yxy 23.4541, 0.4417, 0.2798 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(221, 85, 129) }
```

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

```
.border{ border-color:rgb(221, 85, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 85, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 129);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
129) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.4541, 0.4417, 0.2798$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 129) }
```

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

```
.background{ background-color: rgb(221, 85,  
129) }
```

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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