

Converting Colors

$Y_{xy}(23.9876, 0.4142, 0.2586)$

Have a look what the booklet for
Yxy(23.9876, 0.4142, 0.2586)
contains.

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Color

Yxy(23.9757, 0.4143, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	DD5593
RGB	221, 85, 147
RGB Percent	87%, 33%, 58%
CMY	0.1333, 0.6667, 0.4234
CMYK	0.00, 0.62, 0.33, 0.13
HSL	333°, 67%, 60%
HSV	333°, 62%, 87%
XYZ	38.3371, 23.9757, 30.2218
YIQ	132.7320, 61.1540, 48.1140

Conversions

Conversions Part 2

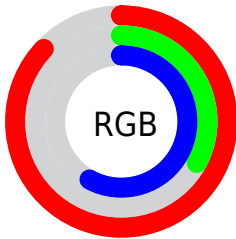
Format	Color
R_{YB}	221, 85, 147
Decimal	14505363
CIE _{Lab}	56.06, 58.81, -6.21
CIE _{LCh}	56, 59.137, 353.968
Yxy	23.9757, 0.4143, 0.2591
Android (android.graphics.Color)	4292695443 (0xFFDD5593)
YUV	132.7320, 7.0341, 77.4110
Hunter-Lab	48.9650, 54.0676, -2.3190

Details

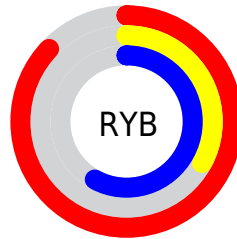
The Yxy color **23.9757, 0.4143, 0.2591** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **56.1503, 0.2681, 0.4198**, and the grayscale version is **23.3107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5268, 0.3683, 0.2675**, and **9.0448, 0.4496, 0.2350** is the 20% darker color. If you saturate the color by 10%, you get **20.6661, 0.4405, 0.2531**, and if you desaturate by 10%, it is **28.4135, 0.3905, 0.2683**.

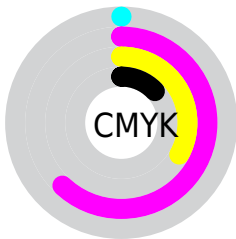
Distribution



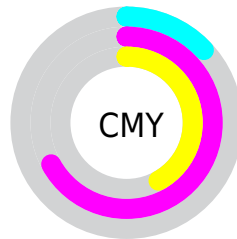
- Red (87%)
- Green (33%)
- Blue (58%)



- Red (87%)
- Yellow (33%)
- Blue (58%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (13%)




- Cyan (13%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9757, 0.4143, 0.2591 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 23.9757, 0.4143, 0.2591 by changing the saturation by 10% instead.


 23.9757, 0.4143,
0.2591


 23.9757, 0.4143,
0.2591


272.6976, 0.3590,
0.2963


 15.3156, 0.4297,
0.2491


 49.9905, 0.3930,
0.2732


 9.0412, 0.4505,
0.2358


 68.1141, 0.3854,
0.2783

 4.7681, 0.4798,
0.2173

 90.1609, 0.3791,
0.2826

 2.1118, 0.5242,
0.1904

 116.5153, 0.3738,
0.2862

 0.6713, 0.5996,
0.1452

147.5618, 0.3693,
0.2893

 0.0000, 1.0000,
0.0000

183.6848, 0.3654,

 0.0000, 0.0000,

0.2919

0.0000

225.2686, 0.3620,
0.2943

■ 23.9757, 0.4143,
0.2591

■ 23.9757, 0.4143,
0.2591

■ 20.6661, 0.4405,
0.2531

■ 28.4135, 0.3905,
0.2683

■ 18.3746, 0.4680,
0.2516

■ 34.0685, 0.3696,
0.2795

■ 16.9756, 0.4953,
0.2554


■ 41.0250, 0.3518,
0.2916

■ 16.3089, 0.5172,
0.2623


■ 49.3585, 0.3368,
0.3039

■ 59.1389, 0.3244,
0.3159

 70.4312, 0.3141,
0.3273

 83.2965, 0.3057,
0.3380

 93.3762, 0.2987,
0.3410

 94.1133, 0.2923,
0.3289

Harmonies

Analogous

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



23.9757, 0.3079, 0.2108



23.9757, 0.4143, 0.2591



23.9757, 0.4946, 0.3216

Triad

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



23.9757, 0.4143, 0.2591



23.9757, 0.3842, 0.5147



23.9757, 0.1460, 0.2194

Complementary

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



23.9757, 0.4143, 0.2591



56.1503, 0.2681, 0.4198

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.



23.9757, 0.1582, 0.2953



23.9757, 0.4143, 0.2591



23.9757, 0.2904, 0.5045

Square

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



23.9757, 0.4143, 0.2591



23.9757, 0.4653, 0.4613



23.9757, 0.2075, 0.4099



23.9757, 0.1664, 0.1860

Rectangle

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



23.9757, 0.4143, 0.2591



23.9757, 0.5129, 0.3671



23.9757, 0.2075, 0.4099



23.9757, 0.1463, 0.2395

Sweetspot

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



23.9770, 0.4143, 0.2591



72.6251, 0.3323, 0.3081



18.9391, 0.2532, 0.1582



14.7350, 0.3362, 0.3045



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.



23.9770, 0.4143, 0.2591



27.4704, 0.4488, 0.2521



23.2622, 0.5042, 0.3344



13.1498, 0.3221, 0.3184



9.4956, 0.5135, 0.2602



0.6324, 0.4741, 0.2385

Inverse Universe

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



23.9770, 0.4143, 0.2591



27.4704, 0.4488, 0.2521



56.5068, 0.2368, 0.3227



13.1498, 0.3221, 0.3184



9.4956, 0.5135, 0.2602



0.6324, 0.4741, 0.2385

Previews

White Background



This preview shows how the Yxy color 23.9757, 0.4143, 0.2591 looks on a white background.

Color Contrast Check

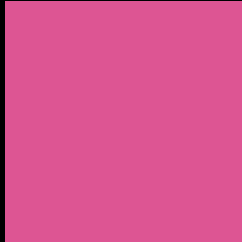
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9757, 0.4143, 0.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

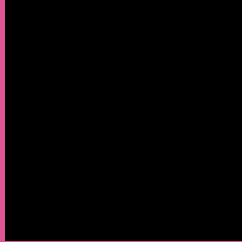
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9757, 0.4143, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 23.9757, 0.4143, 0.2591.



This preview shows how white text looks on a background with the Yxy color 23.9757, 0.4143, 0.2591.

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

23.9757, 0.4143, 0.2591

Protanopia

24.1673, 0.2591, 0.2551

Deuteranopia

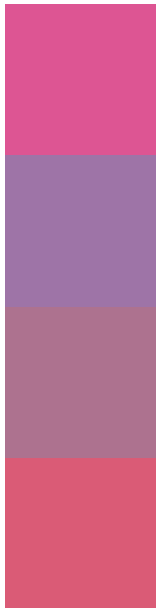
24.1458, 0.3191, 0.3142



Tritanopia

23.8757, 0.4737, 0.3226

Trichromacy



Original Color

23.9757, 0.4143, 0.2591

Protanomaly

22.5499, 0.3058, 0.2524

Deuteranomaly

22.9020, 0.3525, 0.2862

Tritanomaly

23.6956, 0.4522, 0.2983

Monochromacy



Original Color

23.9757, 0.4143, 0.2591

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.3251, 0.3484, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9757, 0.4143, 0.2591 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 147) }
```

Border

The CSS property to change the border of an element to Yxy 23.9757, 0.4143, 0.2591 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, 147) }
```

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

```
.border{ border-color:rgb(221, 85, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 147);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9757, 0.4143, 0.2591 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, 147) }
```

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

```
.background{ background-color: rgb(221, 85,  
147) }
```

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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