

Converting Colors

$Y_{xy}(23.7025, 0.3938, 0.2559)$

Have a look what the booklet for
Yxy(23.7025, 0.3938, 0.2559)
contains.

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Color

Yxy(23.7462, 0.3945, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	D45B98
RGB	212, 91, 152
RGB Percent	83%, 36%, 60%
CMY	0.1686, 0.6432, 0.4038
CMYK	0.00, 0.57, 0.28, 0.17
HSL	330°, 58%, 59%
HSV	330°, 57%, 83%
XYZ	36.5647, 23.7462, 32.3753
YIQ	134.1330, 52.5350, 44.6230

Conversions

Conversions Part 2

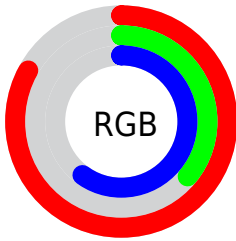
Format	Color
R _Y B	212, 91, 152
Decimal	13917080
CIE Lab	55.83, 54.02, -9.64
CIE LCh	56, 54.875, 349.882
Yxy	23.7462, 0.3945, 0.2562
Android (android.graphics.Color)	4292107160 (0xFFD45B98)
YUV	134.1330, 8.8084, 68.2894
Hunter-Lab	48.7301, 48.6602, -5.2800

Details

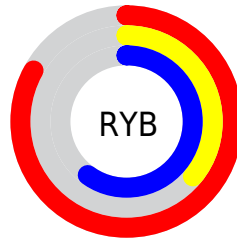
The Yxy color **23.7462, 0.3945, 0.2562** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **51.5505, 0.2731, 0.4210**, and the grayscale version is **23.8441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2740, 0.3623, 0.2675**, and **8.8973, 0.4236, 0.2324** is the 20% darker color. If you saturate the color by 10%, you get **20.2916, 0.4169, 0.2475**, and if you desaturate by 10%, it is **28.2573, 0.3744, 0.2676**.

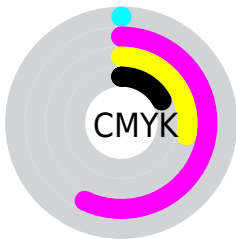
Distribution



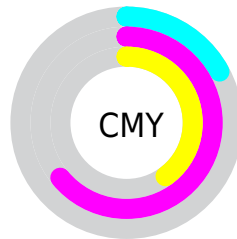
- Red (83%)
- Green (36%)
- Blue (60%)



- Red (83%)
- Yellow (36%)
- Blue (60%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7462, 0.3945, 0.2562 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 23.7462, 0.3945, 0.2562 by changing the saturation by 10% instead.


 23.7462, 0.3945,
0.2562


 23.7462, 0.3945,
0.2562


271.5348, 0.3502,
0.2946


 15.1455, 0.4067,
0.2460

 49.6157, 0.3776,
0.2706


 8.9215, 0.4232,
0.2325


 67.6533, 0.3715,
0.2759

 4.6900, 0.4465,
0.2140


 89.6052, 0.3664,
0.2803

 2.0666, 0.4816,
0.1872

 115.8560, 0.3621,
0.2840

 0.6457, 0.5425,
0.1417

146.7899, 0.3585,
0.2872

 0.0000, 0.8369,
0.0000

182.7915, 0.3554,

 0.0000, 0.0000,

0.2900

0.0000

224.2450, 0.3526,
0.2924

■ 23.7462, 0.3945,
0.2562

■ 23.7462, 0.3945,
0.2562

■ 20.2916, 0.4169,
0.2475

■ 28.2573, 0.3744,
0.2676

■ 17.8003, 0.4409,
0.2427

■ 33.9006, 0.3569,
0.2805

■ 16.1691, 0.4654,
0.2429

■ 40.7486, 0.3420,
0.2939

■ 15.2590, 0.4891,
0.2485

■ 48.8671, 0.3295,
0.3073

■ 15.0592, 0.4960,
0.2506

■ 58.3168, 0.3190,
0.3203

■ 69.1546, 0.3104,
0.3325

■ 81.4340, 0.3032,
0.3438

■ 91.5806, 0.2972,
0.3487

■ 92.2098, 0.2916,
0.3376

Harmonies

Analogous

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



23.7462, 0.2958, 0.2126



23.7462, 0.3945, 0.2562



23.7462, 0.4752, 0.3148

Triad

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



23.7462, 0.3945, 0.2562



23.7462, 0.3934, 0.4988



23.7462, 0.1546, 0.2340

Complementary

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



23.7462, 0.3945, 0.2562



51.5505, 0.2731, 0.4210

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.



23.7462, 0.1714, 0.3116



23.7462, 0.3945, 0.2562



23.7462, 0.3053, 0.4972

Square

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



23.7462, 0.3945, 0.2562



23.7462, 0.4658, 0.4470



23.7462, 0.2239, 0.4187



23.7462, 0.1698, 0.1965

Rectangle

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



23.7462, 0.3945, 0.2562



23.7462, 0.4989, 0.3581



23.7462, 0.2239, 0.4187



23.7462, 0.1564, 0.2552

Sweetspot

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



23.7474, 0.3945, 0.2562



74.0848, 0.3296, 0.3072



18.6697, 0.2528, 0.1679



15.2879, 0.3319, 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.



23.7474, 0.3945, 0.2562



30.1012, 0.4207, 0.2464



22.2698, 0.4829, 0.3272



12.5243, 0.3213, 0.3173



9.3158, 0.4929, 0.2489



0.5786, 0.4552, 0.2281

Inverse Universe

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



23.7474, 0.3945, 0.2562



30.1012, 0.4207, 0.2464



53.9700, 0.2426, 0.3316



12.5243, 0.3213, 0.3173



9.3158, 0.4929, 0.2489



0.5786, 0.4552, 0.2281

Previews

White Background



This preview shows how the Yxy color 23.7462, 0.3945, 0.2562 looks on a white background.

Color Contrast Check

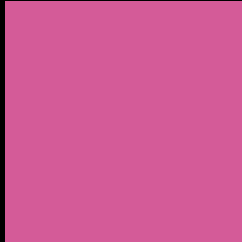
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7462, 0.3945, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

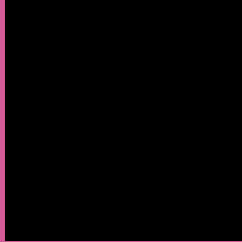
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7462, 0.3945, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 23.7462, 0.3945, 0.2562.



This preview shows how white text looks on a background with the Yxy color 23.7462, 0.3945, 0.2562.

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

23.7462, 0.3945, 0.2562

Protanopia

24.1353, 0.2575, 0.2535

Deuteranopia

24.0587, 0.3094, 0.3043



Tritanopia

23.8000, 0.4498, 0.3208

Trichromacy



Original Color

23.7462, 0.3945, 0.2562



Protanomaly

22.7292, 0.2981, 0.2504



Deuteranomaly

22.8444, 0.3384, 0.2808



Tritanomaly

23.5599, 0.4298, 0.2961

Monochromacy



Original Color

23.7462, 0.3945, 0.2562



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.5613, 0.3404, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7462, 0.3945, 0.2562 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(212, 91, 152)` looks like.

```
.text, #text, p{  
    color:rgb(212, 91, 152)  
}
```

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(212, 91, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 91, 152) }
```

Border

The CSS property to change the border of an element to Yxy 23.7462, 0.3945, 0.2562 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(212, 91, 152) }
```

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

```
.border{ border-color:rgb(212, 91, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 91, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 91, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 91, 152);  
box-shadow:4px 4px 4px 4px rgb(212, 91,  
152) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.7462, 0.3945, 0.2562$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 91, 152) }
```

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

```
.background{ background-color: rgb(212, 91,  
152) }
```

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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