

Converting Colors

$Y_{xy}(23.9529, 0.3719, 0.2314)$

Have a look what the booklet for
Yxy(23.9529, 0.3719, 0.2314)
contains.

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Color

Yxy(23.8920, 0.3714, 0.2310)

Conversions

Conversions Part 1

Format	Color
Hex	D656AB
RGB	214, 86, 171
RGB Percent	84%, 34%, 67%
CMY	0.1607, 0.6628, 0.3293
CMYK	0.00, 0.60, 0.20, 0.16
HSL	320°, 61%, 59%
HSV	320°, 60%, 84%
XYZ	38.4134, 23.8920, 41.1232
YIQ	133.9620, 49.0030, 53.5710

Conversions

Conversions Part 2

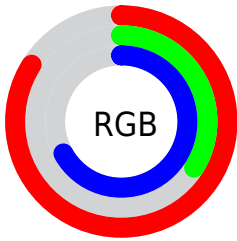
Format	Color
RYB	214, 86, 171
Decimal	14046891
CIELab	55.98, 59.42, -20.47
CIElCh	56, 62.843, 340.994
Yxy	23.8920, 0.3714, 0.2310
Android (android.graphics.Color)	4292236971 (0xFFD656AB)
YUV	133.9620, 18.2597, 70.1933
Hunter-Lab	48.8794, 54.7405, -15.6662

Details

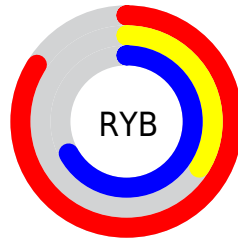
The Yxy color **23.8920, 0.3714, 0.2310** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **51.6611, 0.2829, 0.4589**, and the grayscale version is **23.7437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0970, 0.3435, 0.2450**, and **9.0126, 0.3886, 0.2019** is the 20% darker color. If you saturate the color by 10%, you get **20.7059, 0.3855, 0.2200**, and if you desaturate by 10%, it is **28.1182, 0.3582, 0.2452**.

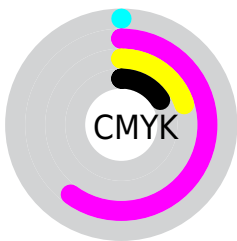
Distribution



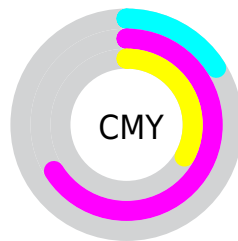
- Red (84%)
- Green (34%)
- Blue (67%)



- Red (84%)
- Yellow (34%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8920, 0.3714, 0.2310 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 23.8920, 0.3714, 0.2310 by changing the saturation by 10% instead.


 23.8920, 0.3714,
0.2310


 23.8920, 0.3714,
0.2310


272.2740, 0.3411,
0.2809


 15.2535, 0.3792,
0.2184


 49.8539, 0.3602,
0.2492


 8.9975, 0.3894,
0.2023


 67.9461, 0.3560,
0.2561

 4.7396, 0.4032,
0.1810


 89.9584, 0.3525,
0.2618

 2.0953, 0.4225,
0.1517

 116.2751, 0.3495,
0.2667

 0.6620, 0.4527,
0.1076

147.2806, 0.3470,
0.2710

 0.0000, 0.5240,
0.0000

183.3593, 0.3448,

 0.0000, 0.0000,

0.2747

0.0000

224.8957, 0.3428,
0.2780

■ 23.8920, 0.3714,
0.2310

■ 23.8920, 0.3714,
0.2310

■ 20.7059, 0.3855,
0.2200

■ 28.1182, 0.3582,
0.2452

■ 18.4615, 0.4003,
0.2132

■ 33.4638, 0.3464,
0.2613

■ 17.0480, 0.4150,
0.2113


■ 40.0047, 0.3359,
0.2785


■ 16.2672, 0.4294,
0.2140


■ 47.8091, 0.3269,
0.2959

■ 16.2548, 0.4296,
0.2140

■ 56.9399, 0.3191,
0.3130

 67.4558, 0.3126,
0.3293

 79.4120, 0.3071,
0.3446

 91.4478, 0.3026,
0.3567

 91.8566, 0.2986,
0.3490

Harmonies

Analogous

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



23.8920, 0.2629, 0.1902



23.8920, 0.3714, 0.2310



23.8920, 0.4760, 0.2907

Triad

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



23.8920, 0.3714, 0.2310



23.8920, 0.4259, 0.5043



23.8920, 0.1392, 0.2408

Complementary

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



23.8920, 0.3714, 0.2310



51.6611, 0.2829, 0.4589

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.



23.8920, 0.1671, 0.3419



23.8920, 0.3714, 0.2310



23.8920, 0.3303, 0.5329

Square

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



23.8920, 0.3714, 0.2310



23.8920, 0.4994, 0.4338



23.8920, 0.2351, 0.4681



23.8920, 0.1463, 0.1888

Rectangle

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



23.8920, 0.3714, 0.2310



23.8920, 0.5162, 0.3360



23.8920, 0.2351, 0.4681



23.8920, 0.1442, 0.2689

Sweetspot

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



23.8932, 0.3714, 0.2310



73.1766, 0.3255, 0.2987



16.1512, 0.2307, 0.1523



14.8696, 0.3280, 0.2937



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.



23.8932, 0.3714, 0.2310



29.6829, 0.3898, 0.2175



22.0208, 0.4670, 0.3049



12.5585, 0.3189, 0.3136



9.8440, 0.4276, 0.2129



0.6089, 0.4046, 0.2002

Inverse Universe

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



23.8932, 0.3714, 0.2310



29.6829, 0.3898, 0.2175



53.9122, 0.2497, 0.3592



12.5585, 0.3189, 0.3136



9.8440, 0.4276, 0.2129



0.6089, 0.4046, 0.2002

Previews

White Background



This preview shows how the Yxy color 23.8920, 0.3714, 0.2310 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 23.8920, 0.3714, 0.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

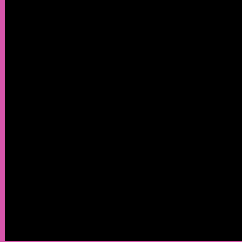
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8920, 0.3714, 0.2310

Background



This preview shows how black text looks on a background with the Yxy color 23.8920, 0.3714, 0.2310.



This preview shows how white text looks on a background with the Yxy color 23.8920, 0.3714, 0.2310.

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

23.8920, 0.3714, 0.2310

Protanopia

24.1469, 0.2295, 0.2167

Deuteranopia

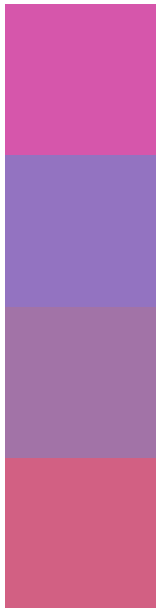
24.1694, 0.2821, 0.2769



Tritanopia

23.8000, 0.4498, 0.3208

Trichromacy



Original Color

23.8920, 0.3714, 0.2310

Protanomaly

22.3148, 0.2688, 0.2158

Deuteranomaly

22.7329, 0.3105, 0.2520

Tritanomaly

23.7061, 0.4211, 0.2864

Monochromacy



Original Color

23.8920, 0.3714, 0.2310

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.6157, 0.3345, 0.2830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8920, 0.3714, 0.2310 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(214, 86, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 86, 171)  
}
```

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(214, 86, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 86, 171) }
```

Border

The CSS property to change the border of an element to Yxy 23.8920, 0.3714, 0.2310 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(214, 86, 171) }
```

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

```
.border{ border-color:rgb(214, 86, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 86, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 86, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 86, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 86,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8920, 0.3714, 0.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 86, 171) }
```

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

```
.background{ background-color: rgb(214, 86,  
171) }
```

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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