

Converting Colors

$Y_{xy}(23.8986, 0.3853, 0.2517)$

Have a look what the booklet for
Yxy(23.8986, 0.3853, 0.2517)
contains.

Yxy(23.7903, 0.3847, 0.2508)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(23.7903, 0.3847, 0.2508)

Conversions

Conversions Part 1

Format	Color
Hex	D25C9D
RGB	210, 92, 157
RGB Percent	82%, 36%, 62%
CMY	0.1765, 0.6392, 0.3842
CMYK	0.00, 0.56, 0.25, 0.18
HSL	327°, 57%, 59%
HSV	327°, 56%, 82%
XYZ	36.4917, 23.7903, 34.5756
YIQ	134.6920, 49.4630, 45.2310

Conversions

Conversions Part 2

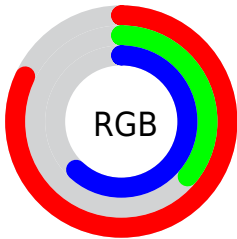
Format	Color
R_{YB}	210, 92, 157
Decimal	13786269
CIE _{Lab}	55.88, 53.59, -12.52
CIE _{LCh}	56, 55.031, 346.848
Yxy	23.7903, 0.3847, 0.2508
Android (android.graphics.Color)	4291976349 (0xFFD25C9D)
YUV	134.6920, 10.9978, 66.0451
Hunter-Lab	48.7753, 48.1898, -7.8865

Details

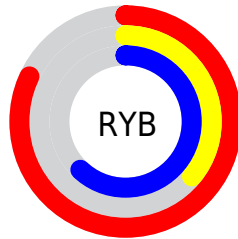
The Yxy color **23.7903, 0.3847, 0.2508** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **50.4107, 0.2765, 0.4280**, and the grayscale version is **24.0548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8809, 0.3562, 0.2627**, and **8.9181, 0.4081, 0.2253** is the 20% darker color. If you saturate the color by 10%, you get **20.3336, 0.4043, 0.2408**, and if you desaturate by 10%, it is **28.2824, 0.3670, 0.2634**.

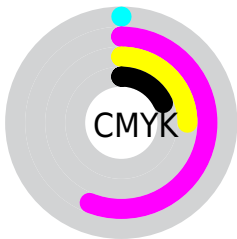
Distribution



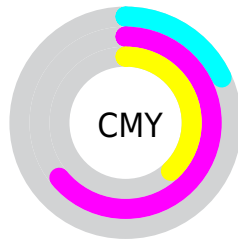
- Red (82%)
- Green (36%)
- Blue (62%)



- Red (82%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (56%)
- Yellow (25%)
- Black (18%)




- Cyan (18%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7903, 0.3847, 0.2508 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 23.7903, 0.3847, 0.2508 by changing the saturation by 10% instead.


 23.7903, 0.3847,
0.2508


 23.7903, 0.3847,
0.2508


271.7586, 0.3461,
0.2917


 15.1781, 0.3952,
0.2401


 49.6878, 0.3700,
0.2660


 8.9445, 0.4093,
0.2261


 67.7419, 0.3647,
0.2716

 4.7050, 0.4290,
0.2069


 89.7121, 0.3603,
0.2763

 2.0752, 0.4584,
0.1796

 115.9828, 0.3566,
0.2803

 0.6506, 0.5085,
0.1345

146.9384, 0.3534,
0.2838

 0.0000, 0.6980,
0.0000

182.9633, 0.3506,

 0.0000, 0.0000,

0.2867

0.0000

224.4419, 0.3482,
0.2893

■ 23.7903, 0.3847,
0.2508

■ 23.7903, 0.3847,
0.2508

■ 20.3336, 0.4043,
0.2408

■ 28.2824, 0.3670,
0.2634

■ 17.8226, 0.4253,
0.2346

■ 33.8826, 0.3516,
0.2775

■ 16.1581, 0.4469,
0.2332

■ 40.6612, 0.3383,
0.2921

■ 15.2142, 0.4680,
0.2372

■ 48.6818, 0.3271,
0.3067

■ 14.9553, 0.4760,
0.2396

■ 58.0031, 0.3177,
0.3207

■ 68.6802, 0.3099,
0.3340

■ 80.7651, 0.3034,
0.3463

■ 91.0728, 0.2980,
0.3527

■ 91.6245, 0.2930,
0.3426

Harmonies

Analogous

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



23.7903, 0.2864, 0.2091



23.7903, 0.3847, 0.2508



23.7903, 0.4695, 0.3084

Triad

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



23.7903, 0.3847, 0.2508



23.7903, 0.4019, 0.4955



23.7903, 0.1545, 0.2397

Complementary

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



23.7903, 0.3847, 0.2508



50.4107, 0.2765, 0.4280

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.



23.7903, 0.1748, 0.3216



23.7903, 0.3847, 0.2508



23.7903, 0.3143, 0.5014

Square

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



23.7903, 0.3847, 0.2508



23.7903, 0.4717, 0.4406



23.7903, 0.2309, 0.4294



23.7903, 0.1666, 0.1984

Rectangle

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



23.7903, 0.3847, 0.2508



23.7903, 0.4976, 0.3514



23.7903, 0.2309, 0.4294



23.7903, 0.1575, 0.2624

Sweetspot

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



23.7915, 0.3847, 0.2508



74.2014, 0.3281, 0.3052



18.1601, 0.2482, 0.1681



15.3154, 0.3303, 0.3023



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.



23.7915, 0.3847, 0.2508



30.8500, 0.4075, 0.2395



22.2741, 0.4700, 0.3202



11.9157, 0.3206, 0.3163



9.1434, 0.4731, 0.2380



0.5271, 0.4377, 0.2185

Inverse Universe

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



23.7915, 0.3847, 0.2508



30.8500, 0.4075, 0.2395



52.6373, 0.2462, 0.3399



11.9157, 0.3206, 0.3163



9.1434, 0.4731, 0.2380



0.5271, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 23.7903, 0.3847, 0.2508 looks on a white background.

Color Contrast Check

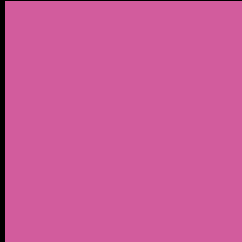
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7903, 0.3847, 0.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

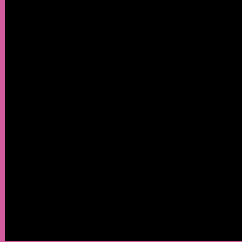
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7903, 0.3847, 0.2508

Background



This preview shows how black text looks on a background with the Yxy color 23.7903, 0.3847, 0.2508.



This preview shows how white text looks on a background with the Yxy color 23.7903, 0.3847, 0.2508.

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

23.7903, 0.3847, 0.2508

Protanopia

24.1998, 0.2520, 0.2464

Deuteranopia

24.0424, 0.3020, 0.2961



Tritanopia

23.7503, 0.4440, 0.3194

Trichromacy



Original Color

23.7903, 0.3847, 0.2508



Protanomaly

22.7274, 0.2908, 0.2433



Deuteranomaly

23.0218, 0.3298, 0.2748



Tritanomaly

23.5331, 0.4226, 0.2931

Monochromacy



Original Color

23.7903, 0.3847, 0.2508



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.8582, 0.3378, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7903, 0.3847, 0.2508 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(210, 92, 157)` looks like.

```
.text, #text, p{  
    color:rgb(210, 92, 157)  
}
```

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(210, 92, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 92, 157) }
```

Border

The CSS property to change the border of an element to Yxy 23.7903, 0.3847, 0.2508 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(210, 92, 157) }
```

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

```
.border{ border-color:rgb(210, 92, 157) }
```

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

Here you see how a box with a 4 pixel rgb(210, 92, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 92, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 92, 157);  
box-shadow:4px 4px 4px 4px rgb(210, 92,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7903, 0.3847, 0.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 92, 157) }
```

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

```
.background{ background-color: rgb(210, 92,  
157) }
```

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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