

Converting Colors

$Y_{xy}(10.1869, 0.3875, 0.2524)$

Have a look what the booklet for
Yxy(10.1869, 0.3875, 0.2524)
contains.

Yxy(10.1809, 0.3883, 0.2523)	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(10.1809, 0.3883, 0.2523)

Conversions

Conversions Part 1

Format	Color
Hex	903C69
RGB	144, 60, 105
RGB Percent	56%, 24%, 41%
CMY	0.4352, 0.7647, 0.5883
CMYK	0.00, 0.58, 0.27, 0.44
HSL	328°, 41%, 40%
HSV	328°, 58%, 56%
XYZ	15.6688, 10.1809, 14.5026
YIQ	90.2460, 35.6190, 31.8030

Conversions

Conversions Part 2

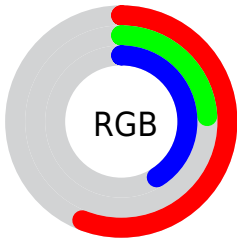
Format	Color
R_{YB}	144, 60, 105
Decimal	9452649
CIE _{Lab}	38.17, 40.69, -8.75
CIE _{LCh}	38, 41.619, 347.862
Yxy	10.1809, 0.3883, 0.2523
Android (android.graphics.Color)	4287642729 (0xFF903C69)
YUV	90.2460, 7.2737, 47.1423
Hunter-Lab	31.9075, 31.8178, -4.6133

Details

The Yxy color **10.1809, 0.3883, 0.2523** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.8122, 0.2753, 0.4262**, and the grayscale version is **10.2596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0485, 0.3692, 0.2709**, and **2.5443, 0.4253, 0.2159** is the 20% darker color. If you saturate the color by 10%, you get **8.7405, 0.4082, 0.2430**, and if you desaturate by 10%, it is **12.0438, 0.3703, 0.2641**.

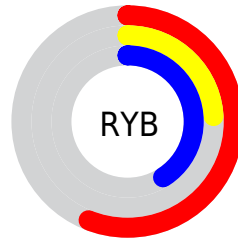
Distribution



Red (56%)

Green (24%)

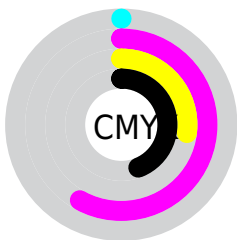
Blue (41%)



Red (56%)

Yellow (24%)

Blue (41%)

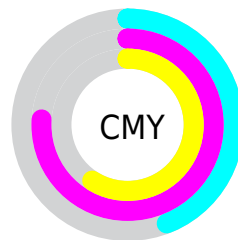


Cyan (0%)

Magenta (58%)

Yellow (27%)

Black (44%)



Cyan (44%)


Magenta (76%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1809, 0.3883, 0.2523 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 10.1809, 0.3883, 0.2523 by changing the saturation by 10% instead.


 10.1809, 0.3883,
0.2523


 10.1809, 0.3883,
0.2523


 191.9583, 0.3424,
0.2978


 5.5191, 0.4038,
0.2376


 26.1352, 0.3690,
0.2710


 2.5549, 0.4272,
0.2162

 38.1965, 0.3626,
0.2774


 0.9041, 0.4660,
0.1823

 53.4930, 0.3576,
0.2824

 0.0000, 0.6720,
0.0000

 72.4092, 0.3534,
0.2866

 0.0000, 0.0000,
0.0000

 95.3294, 0.3500,
0.2901

 122.6381, 0.3471,

0.2931

154.7196, 0.3446,
0.2956

■ 10.1809, 0.3883,
0.2523

■ 10.1809, 0.3883,
0.2523

■ 8.7405, 0.4082,
0.2430

■ 12.0438, 0.3703,
0.2641

■ 7.6866, 0.4296,
0.2373

■ 14.3583, 0.3545,
0.2773

■ 6.9797, 0.4515,
0.2363

■ 17.1526, 0.3409,
0.2912

■ 6.5359, 0.4733,
0.2395

■ 20.4522, 0.3293,
0.3050

■ 6.4683, 0.4770,
0.2402

■ 24.2808, 0.3196,
0.3184

■ 28.6605, 0.3115,
0.3311

■ 33.6123, 0.3047,
0.3429

■ 39.1560, 0.2991,
0.3539

■ 45.3104, 0.2944,
0.3641

Harmonies

Analogous

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



10.1809, 0.2894, 0.2098



10.1809, 0.3883, 0.2523



10.1809, 0.4721, 0.3104

Triad

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



10.1809, 0.3883, 0.2523



10.1809, 0.3993, 0.4973



10.1809, 0.1540, 0.2374

Complementary

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



10.1809, 0.3883, 0.2523



21.8122, 0.2753, 0.4262

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.



10.1809, 0.1731, 0.3181



10.1809, 0.3883, 0.2523



10.1809, 0.3112, 0.5009

Square

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



10.1809, 0.3883, 0.2523



10.1809, 0.4703, 0.4431



10.1809, 0.2281, 0.4263



10.1809, 0.1672, 0.1973

Rectangle

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



10.1809, 0.3883, 0.2523



10.1809, 0.4988, 0.3536



10.1809, 0.2281, 0.4263



10.1809, 0.1565, 0.2596

Sweetspot

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



10.1814, 0.3883, 0.2523



36.0483, 0.3293, 0.3050



7.8308, 0.2494, 0.1674



7.8929, 0.3322, 0.3013



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.1814, 0.3883, 0.2523



14.7683, 0.4147, 0.2408



9.5340, 0.4753, 0.3225



5.4693, 0.3203, 0.3173



5.6363, 0.4759, 0.2395



0.0583, 0.3950, 0.1950

Inverse Universe

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



10.1814, 0.3883, 0.2523



14.7683, 0.4147, 0.2408



22.7991, 0.2449, 0.3371



5.4693, 0.3203, 0.3173



5.6363, 0.4759, 0.2395



0.0583, 0.3950, 0.1950

Previews

White Background



This preview shows how the Yxy color 10.1809, 0.3883, 0.2523 looks on a white 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

Black Background



This preview shows how the Yxy color 10.1809, 0.3883, 0.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

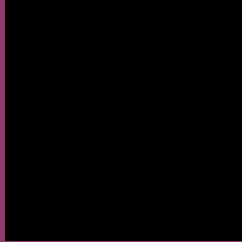
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1809, 0.3883, 0.2523

Background



This preview shows how black text looks on a background with the Yxy color 10.1809, 0.3883, 0.2523.



This preview shows how white text looks on a background with the Yxy color 10.1809, 0.3883, 0.2523.

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

10.1809, 0.3883, 0.2523

Protanopia

10.3309, 0.2535, 0.2474

Deuteranopia

10.3519, 0.3046, 0.2986



Tritanopia

10.1449, 0.4475, 0.3205

Trichromacy



Original Color

10.1809, 0.3883, 0.2523

Protanomaly

9.6403, 0.2925, 0.2433

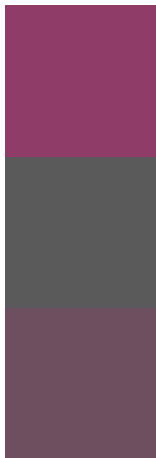
Deuteranomaly

9.9188, 0.3342, 0.2778

Tritanomaly

10.0577, 0.4265, 0.2940

Monochromacy



Original Color

10.1809, 0.3883, 0.2523

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.7332, 0.3408, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1809, 0.3883, 0.2523 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(144, 60, 105)` looks like.

```
.text, #text, p{  
    color:rgb(144, 60, 105)  
}
```

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(144, 60, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 60, 105) }
```

Border

The CSS property to change the border of an element to Yxy 10.1809, 0.3883, 0.2523 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(144, 60, 105) }
```

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

```
.border{ border-color:rgb(144, 60, 105) }
```

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

Here you see how a box with a 4 pixel rgb(144, 60, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 60, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 60, 105);  
box-shadow:4px 4px 4px 4px rgb(144, 60,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1809, 0.3883, 0.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 60, 105) }
```

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

```
.background{ background-color: rgb(144, 60,  
105) }
```

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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