

Converting Colors

$Yxy(23.8516, 0.3988, 0.3266)$

Have a look what the booklet for
Yxy(23.8516, 0.3988, 0.3266)
contains.

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Color

Yxy(23.9891, 0.3984, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B87476
RGB	184, 116, 118
RGB Percent	72%, 45%, 46%
CMY	0.2785, 0.5451, 0.5373
CMYK	0.00, 0.37, 0.36, 0.28
HSL	358°, 32%, 59%
HSV	358°, 37%, 72%
XYZ	29.2808, 23.9891, 20.2261
YIQ	136.5600, 39.8860, 15.0380

Conversions

Conversions Part 2

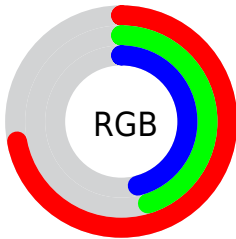
Format	Color
RYB	184, 116, 118
Decimal	12088438
CIELab	56.08, 27.01, 10.15
CIELCh	56, 28.859, 20.601
Yxy	23.9891, 0.3984, 0.3264
Android (android.graphics.Color)	4290278518 (0xFFB87476)
YUV	136.5600, -9.1501, 41.6049
Hunter-Lab	48.9787, 20.9996, 9.8008

Details

The Yxy color **23.9891, 0.3984, 0.3264** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.3683, 0.2630, 0.3318**, and the grayscale version is **24.8662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1555, 0.3798, 0.3281**, and **9.1236, 0.4314, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **19.7747, 0.4350, 0.3258**, and if you desaturate by 10%, it is **29.1263, 0.3682, 0.3271**.

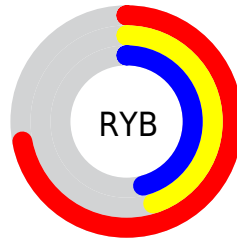
Distribution



Red (72%)

Green (45%)

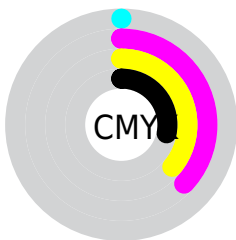
Blue (46%)



Red (72%)

Yellow (45%)

Blue (46%)

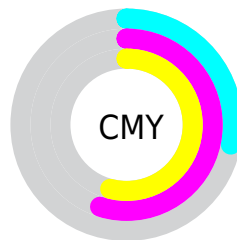


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (28%)



Cyan (28%)


Magenta (55%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9891, 0.3984, 0.3264 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 23.9891, 0.3984, 0.3264 by changing the saturation by 10% instead.


 23.9891, 0.3984,
0.3264


 23.9891, 0.3984,
0.3264


272.7654, 0.3504,
0.3290


 15.3255, 0.4124,
0.3251


 50.0124, 0.3796,
0.3278

 9.0482, 0.4317,
0.3230


 68.1409, 0.3729,
0.3281

 4.7726, 0.4599,
0.3191

 90.1933, 0.3675,
0.3284

 2.1145, 0.5048,
0.3109

116.5538, 0.3629,
0.3286

 0.6727, 0.6660,
0.3231

147.6068, 0.3591,
0.3287

 0.0000, 1.0000,
0.0000

183.7368, 0.3558,

 0.0000, 0.0000,

0.3289

0.0000

225.3282, 0.3529,
0.3289

■ 23.9891, 0.3984,
0.3264

■ 23.9891, 0.3984,
0.3264

■ 19.7747, 0.4350,
0.3258

■ 29.1263, 0.3682,
0.3271

■ 16.4252, 0.4777,
0.3254

■ 35.2327, 0.3437,
0.3278

■ 13.8817, 0.5242,
0.3254


■ 42.3558, 0.3240,
0.3285

■ 12.0763, 0.5698,
0.3260


■ 50.5391, 0.3083,
0.3292

■ 10.9303, 0.6077,
0.3270

■ 59.8234, 0.2956,
0.3298

 10.3349, 0.6317,
0.3283

 70.2473, 0.2854,
0.3304

 10.2010, 0.6370,
0.3283

 81.8477, 0.2771,
0.3309

 88.9292, 0.2721,
0.3289

Harmonies

Analogous

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



23.9891, 0.3580, 0.2895



23.9891, 0.3984, 0.3264



23.9891, 0.4134, 0.3663

Triad

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



23.9891, 0.3984, 0.3264



23.9891, 0.3122, 0.4107



23.9891, 0.2310, 0.2545

Complementary

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



23.9891, 0.3984, 0.3264



41.3683, 0.2630, 0.3318

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.



23.9891, 0.2213, 0.2794



23.9891, 0.3984, 0.3264



23.9891, 0.2656, 0.3729

Square

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



23.9891, 0.3984, 0.3264



23.9891, 0.3611, 0.4198



23.9891, 0.2333, 0.3224



23.9891, 0.2610, 0.2493

Rectangle

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



23.9891, 0.3984, 0.3264



23.9891, 0.4067, 0.3907



23.9891, 0.2333, 0.3224



23.9891, 0.2254, 0.2606

Sweetspot

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



23.9903, 0.3984, 0.3264



71.0894, 0.3318, 0.3282



25.8650, 0.3144, 0.2383



14.9516, 0.3344, 0.3282



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



23.9903, 0.3984, 0.3264



37.4025, 0.4264, 0.3259



32.5469, 0.3844, 0.3739



9.0164, 0.3283, 0.3284



7.0331, 0.6363, 0.3279



0.2494, 0.6212, 0.3196

Inverse Universe

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



23.9903, 0.3984, 0.3264



37.4025, 0.4264, 0.3259



29.7170, 0.2547, 0.2791



9.0164, 0.3283, 0.3284



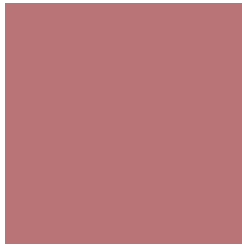
7.0331, 0.6363, 0.3279



0.2494, 0.6212, 0.3196

Previews

White Background



This preview shows how the Yxy color 23.9891, 0.3984, 0.3264 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 23.9891, 0.3984, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

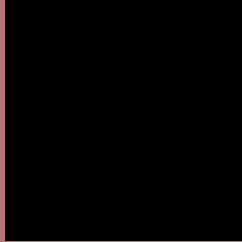
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9891, 0.3984, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 23.9891, 0.3984, 0.3264.



This preview shows how white text looks on a background with the Yxy color 23.9891, 0.3984, 0.3264.

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

23.9891, 0.3984, 0.3264

Protanopia

24.0977, 0.3248, 0.3393

Deuteranopia

24.1948, 0.3586, 0.3520



Tritanopia

24.0310, 0.3921, 0.3164

Trichromacy



Original Color

23.9891, 0.3984, 0.3264

Protanomaly

23.6025, 0.3502, 0.3340

Deuteranomaly

24.0586, 0.3731, 0.3417

Tritanomaly

23.9809, 0.3948, 0.3193

Monochromacy



Original Color

23.9891, 0.3984, 0.3264

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.1822, 0.3413, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9891, 0.3984, 0.3264 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(184, 116, 118)` looks like.

```
.text, #text, p{  
    color:rgb(184, 116, 118)  
}
```

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(184, 116, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 116, 118) }
```

Border

The CSS property to change the border of an element to Yxy 23.9891, 0.3984, 0.3264 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(184, 116, 118) }
```

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

```
.border{ border-color:rgb(184, 116, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 116, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 116, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 116, 118);  
box-shadow:4px 4px 4px 4px rgb(184, 116,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9891, 0.3984, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 116, 118) }
```

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

```
.background{ background-color: rgb(184,  
116, 118) }
```

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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