

Converting Colors

$Y_{xy}(23.2278, 0.4002, 0.3232)$

Have a look what the booklet for
Yxy(23.2278, 0.4002, 0.3232)
contains.

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Color

Yxy(23.1619, 0.4001, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	B77175
RGB	183, 113, 117
RGB Percent	72%, 44%, 46%
CMY	0.2823, 0.5569, 0.5412
CMYK	0.00, 0.38, 0.36, 0.28
HSL	357°, 33%, 58%
HSV	357°, 38%, 72%
XYZ	28.6463, 23.1619, 19.7896
YIQ	134.3860, 40.4360, 16.0840

Conversions

Conversions Part 2

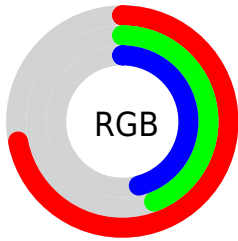
Format	Color
R_{YB}	183, 113, 117
Decimal	12022133
CIE Lab	55.24, 28.17, 9.54
CIE LCh	55, 29.740, 18.702
Yxy	23.1619, 0.4001, 0.3235
Android (android.graphics.Color)	4290212213 (0xFFB77175)
YUV	134.3860, -8.5713, 42.6345
Hunter-Lab	48.1268, 22.0258, 9.3088

Details

The Yxy color **23.1619, 0.4001, 0.3235** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.6374, 0.2628, 0.3349**, and the grayscale version is **24.0112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8378, 0.3808, 0.3259**, and **8.6857, 0.4345, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **19.1139, 0.4364, 0.3222**, and if you desaturate by 10%, it is **28.1104, 0.3700, 0.3250**.

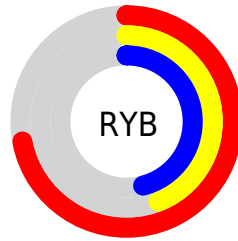
Distribution



Red (72%)

Green (44%)

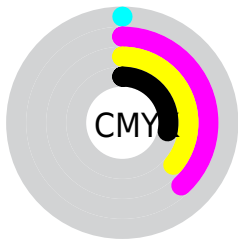
Blue (46%)



Red (72%)

Yellow (44%)

Blue (46%)

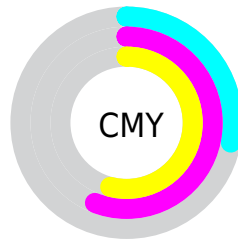


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (28%)



Cyan (28%)


Magenta (56%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1619, 0.4001, 0.3235 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 23.1619, 0.4001, 0.3235 by changing the saturation by 10% instead.


 23.1619, 0.4001,
0.3235


 23.1619, 0.4001,
0.3235


268.5555, 0.3509,
0.3277


 14.7131, 0.4145,
0.3217


 48.6590, 0.3807,
0.3255


 8.6183, 0.4346,
0.3189


 66.4761, 0.3739,
0.3261

 4.4931, 0.4640,
0.3140

 88.1848, 0.3683,
0.3265

 1.9530, 0.5112,
0.3042

 114.1695, 0.3637,
0.3269

 0.5800, 0.6923,
0.3077

144.8144, 0.3598,
0.3272

 0.0000, 1.0000,
0.0000


180.5042, 0.3564,


 0.0000, 0.0000,


0.3274


0.0000


221.6231, 0.3535,
0.3276


 23.1619, 0.4001,
0.3235


 23.1619, 0.4001,
0.3235

 19.1139, 0.4364,
0.3222

 28.1104, 0.3700,
0.3250


 15.9090, 0.4785,
0.3214


 34.0053, 0.3456,
0.3264


 13.4888, 0.5243,
0.3213


 40.8937, 0.3260,
0.3279


 11.7856, 0.5692,
0.3223


 48.8184, 0.3102,
0.3292


 10.7208, 0.6065,
0.3243


 57.8198, 0.2975,
0.3305

 10.1682, 0.6309,
0.3266

 67.9359, 0.2873,
0.3316

 10.0916, 0.6340,
0.3266

 79.2033, 0.2789,
0.3326

 88.8086, 0.2716,
0.3289

Harmonies

Analogous

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



23.1619, 0.3566, 0.2858



23.1619, 0.4001, 0.3235



23.1619, 0.4176, 0.3649

Triad

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



23.1619, 0.4001, 0.3235



23.1619, 0.3153, 0.4161



23.1619, 0.2266, 0.2525

Complementary

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



23.1619, 0.4001, 0.3235



40.6374, 0.2628, 0.3349

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.



23.1619, 0.2179, 0.2795



23.1619, 0.4001, 0.3235



23.1619, 0.2663, 0.3780

Square

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



23.1619, 0.4001, 0.3235



23.1619, 0.3659, 0.4232



23.1619, 0.2316, 0.3252



23.1619, 0.2563, 0.2460

Rectangle

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



23.1619, 0.4001, 0.3235



23.1619, 0.4119, 0.3906



23.1619, 0.2316, 0.3252



23.1619, 0.2213, 0.2592

Sweetspot

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



23.1630, 0.4001, 0.3235



69.4319, 0.3313, 0.3275



24.7351, 0.3119, 0.2345



14.9605, 0.3338, 0.3273



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.



23.1630, 0.4001, 0.3235



35.2140, 0.4306, 0.3224



31.0074, 0.3888, 0.3723



9.0203, 0.3279, 0.3277



7.0426, 0.6327, 0.3259



0.2511, 0.6046, 0.3104

Inverse Universe

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



23.1630, 0.4001, 0.3235



35.2140, 0.4306, 0.3224



29.6055, 0.2532, 0.2808



9.0203, 0.3279, 0.3277



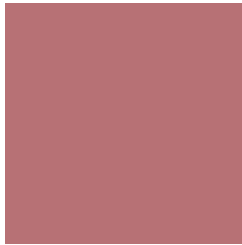
7.0426, 0.6327, 0.3259



0.2511, 0.6046, 0.3104

Previews

White Background



This preview shows how the Yxy color 23.1619, 0.4001, 0.3235 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 23.1619, 0.4001, 0.3235 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 23.1619, 0.4001, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 23.1619, 0.4001, 0.3235.



This preview shows how white text looks on a background with the Yxy color 23.1619, 0.4001, 0.3235.

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

23.1619, 0.4001, 0.3235

Protanopia

23.2691, 0.3227, 0.3377

Deuteranopia

23.3286, 0.3580, 0.3524



Tritanopia

23.0361, 0.3951, 0.3163

Trichromacy



Original Color

23.1619, 0.4001, 0.3235

Protanomaly

22.8696, 0.3495, 0.3324

Deuteranomaly

23.1903, 0.3727, 0.3419

Tritanomaly

23.0117, 0.3965, 0.3177

Monochromacy



Original Color

23.1619, 0.4001, 0.3235

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1556, 0.3420, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1619, 0.4001, 0.3235 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(183, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(183, 113, 117)  
}
```

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(183, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 113, 117) }
```

Border

The CSS property to change the border of an element to Yxy 23.1619, 0.4001, 0.3235 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(183, 113, 117) }
```

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

```
.border{ border-color:rgb(183, 113, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(183, 113,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1619, 0.4001, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 113, 117) }
```

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

```
.background{ background-color: rgb(183,  
113, 117) }
```

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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