

Converting Colors

$Y_{xy}(23.9754, 0.4000, 0.3293)$

Have a look what the booklet for
Yxy(23.9754, 0.4000, 0.3293)
contains.

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Color

Yxy(23.9421, 0.4011, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	B87474
RGB	184, 116, 116
RGB Percent	72%, 45%, 45%
CMY	0.2785, 0.5451, 0.5452
CMYK	0.00, 0.37, 0.37, 0.28
HSL	0°, 32%, 59%
HSV	0°, 37%, 72%
XYZ	29.1624, 23.9421, 19.6015
YIQ	136.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

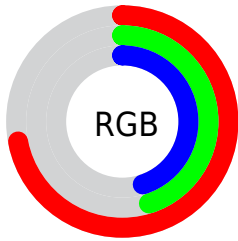
Format	Color
RYB	184, 116, 116
Decimal	12088436
CIELab	56.03, 26.76, 11.26
CIELCh	56, 29.033, 22.819
Yxy	23.9421, 0.4011, 0.3293
Android (android.graphics.Color)	4290278516 (0xFFB87474)
YUV	136.3320, -10.0237, 41.8048
Hunter-Lab	48.9307, 20.7563, 10.5000

Details

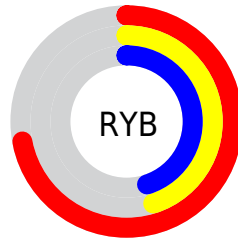
The Yxy color **23.9421, 0.4011, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.4367, 0.2617, 0.3288**, and the grayscale version is **24.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0803, 0.3817, 0.3303**, and **9.0988, 0.4355, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **19.7278, 0.4389, 0.3294**, and if you desaturate by 10%, it is **29.0829, 0.3699, 0.3292**.

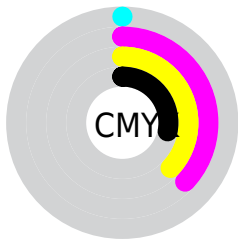
Distribution



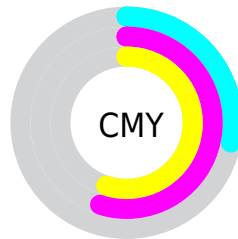
- Red (72%)
- Green (45%)
- Blue (45%)



- Red (72%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (28%)




- Cyan (28%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9421, 0.4011, 0.3293 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 23.9421, 0.4011, 0.3293 by changing the saturation by 10% instead.


 23.9421, 0.4011,
0.3293


 23.9421, 0.4011,
0.3293


272.5276, 0.3516,
0.3304


 15.2907, 0.4155,
0.3284


 49.9357, 0.3817,
0.3301


 9.0236, 0.4354,
0.3267

 68.0467, 0.3748,
0.3303

 4.7566, 0.4646,
0.3233

 90.0796, 0.3692,
0.3304

 2.1052, 0.5107,
0.3158

 116.4189, 0.3645,
0.3304

 0.6675, 0.6726,
0.3274

147.4490, 0.3605,
0.3305

 0.0000, 1.0000,
0.0000


183.5542, 0.3571,

 0.0000, 0.0000,

0.3305


0.0000


225.1189, 0.3542,
0.3304


 23.9421, 0.4011,
0.3293

 23.9421, 0.4011,
0.3293


 19.7278, 0.4389,
0.3294


 29.0829, 0.3699,
0.3292


 16.3816, 0.4827,
0.3296


 35.1969, 0.3446,
0.3291

 13.8441, 0.5302,
0.3297


 42.3320, 0.3244,
0.3290


 12.0470, 0.5759,
0.3298


 50.5319, 0.3082,
0.3290


 10.9107, 0.6126,
0.3299

 59.8378, 0.2952,
0.3289

 10.3244, 0.6347,
0.3300

 70.2884, 0.2847,
0.3289

 10.1909, 0.6400,
0.3300

 81.9210, 0.2761,
0.3289

 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.



23.9421, 0.3619, 0.2918



23.9421, 0.4011, 0.3293



23.9421, 0.4140, 0.3693

Triad

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



23.9421, 0.4011, 0.3293



23.9421, 0.3084, 0.4093



23.9421, 0.2321, 0.2530

Complementary

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



23.9421, 0.4011, 0.3293



41.4367, 0.2617, 0.3288

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.



23.9421, 0.2208, 0.2766



23.9421, 0.4011, 0.3293



23.9421, 0.2623, 0.3696

Square

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



23.9421, 0.4011, 0.3293



23.9421, 0.3580, 0.4208



23.9421, 0.2311, 0.3187



23.9421, 0.2636, 0.2492

Rectangle

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



23.9421, 0.4011, 0.3293



23.9421, 0.4058, 0.3935



23.9421, 0.2311, 0.3187



23.9421, 0.2260, 0.2586

Sweetspot

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



23.9433, 0.4011, 0.3293



71.0559, 0.3324, 0.3291



26.1361, 0.3169, 0.2390



14.9437, 0.3351, 0.3291



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.



23.9433, 0.4011, 0.3293



37.3277, 0.4299, 0.3294



33.2581, 0.3833, 0.3769



9.0128, 0.3288, 0.3291



7.0246, 0.6400, 0.3300



0.2478, 0.6399, 0.3301

Inverse Universe

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



41.4367, 0.2617, 0.3288



73.4774, 0.2533, 0.3288



28.9804, 0.2542, 0.2753



10.2100, 0.2985, 0.3289



25.9885, 0.2246, 0.3286



0.9164, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 23.9421, 0.4011, 0.3293 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 23.9421, 0.4011, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

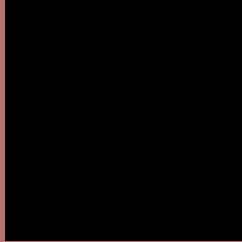
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9421, 0.4011, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 23.9421, 0.4011, 0.3293.



This preview shows how white text looks on a background with the Yxy color 23.9421, 0.4011, 0.3293.

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

23.9421, 0.4011, 0.3293

Protanopia

24.0198, 0.3281, 0.3445

Deuteranopia

24.1487, 0.3610, 0.3553



Tritanopia

24.0058, 0.3934, 0.3178

Trichromacy



Original Color

23.9421, 0.4011, 0.3293

Protanomaly

23.5524, 0.3526, 0.3373

Deuteranomaly

24.0120, 0.3755, 0.3448

Tritanomaly

23.9318, 0.3975, 0.3221

Monochromacy



Original Color

23.9421, 0.4011, 0.3293

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0578, 0.3413, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9421, 0.4011, 0.3293 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, 116)` looks like.

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

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, 116) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 23.9421, 0.4011, 0.3293 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, 116) }
```

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

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

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, 116)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 23.9421, 0.4011, 0.3293 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, 116) }
```

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

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

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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