

Converting Colors

$Y_{xy}(23.5975, 0.3793, 0.3247)$

Have a look what the booklet for
Yxy(23.5975, 0.3793, 0.3247)
contains.

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Color

Yxy(23.5975, 0.3793, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	AE777A
RGB	174, 119, 122
RGB Percent	68%, 47%, 48%
CMY	0.3176, 0.5333, 0.5216
CMYK	0.00, 0.32, 0.30, 0.32
HSL	357°, 25%, 57%
HSV	357°, 32%, 68%
XYZ	27.5655, 23.5975, 21.5117
YIQ	135.7870, 31.8170, 12.5930

Conversions

Conversions Part 2

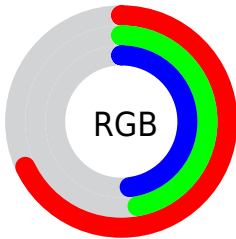
Format	Color
R_{YB}	174, 119, 122
Decimal	11433850
CIE _{Lab}	55.68, 21.99, 7.11
CIE _{LCh}	56, 23.106, 17.911
Yxy	23.5975, 0.3793, 0.3247
Android (android.graphics.Color)	4289623930 (0xFFAE777A)
YUV	135.7870, -6.7970, 33.5128
Hunter-Lab	48.5773, 16.2810, 7.7484

Details

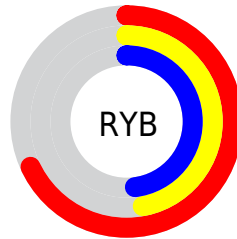
The Yxy color $23.5975, 0.3793, 0.3247$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $37.1368, 0.2703, 0.3335$, and the grayscale version is $24.5543, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.5500, 0.3651, 0.3269$, and $8.8544, 0.4062, 0.3229$ is the 20% darker color. If you saturate the color by 10%, you get $19.4551, 0.4113, 0.3234$, and if you desaturate by 10%, it is $28.5695, 0.3531, 0.3261$.

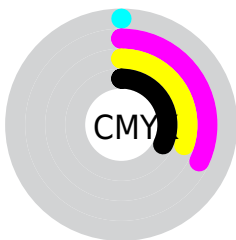
Distribution



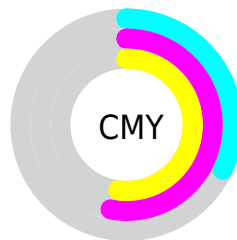
- Red (68%)
- Green (47%)
- Blue (48%)



- Red (68%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (32%)
- Yellow (30%)
- Black (32%)




- Cyan (32%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5975, 0.3793, 0.3247 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 23.5975, 0.3793, 0.3247 by changing the saturation by 10% instead.


 23.5975, 0.3793,
0.3247


 23.5975, 0.3793,
0.3247


270.7792, 0.3420,
0.3278


 15.0353, 0.3902,
0.3235


 49.3726, 0.3646,
0.3261

 8.8442, 0.4054,
0.3216


 67.3543, 0.3594,
0.3265

 4.6397, 0.4279,
0.3184


 89.2446, 0.3552,
0.3269

 2.0374, 0.4642,
0.3121

115.4279, 0.3517,
0.3271

 0.6291, 0.5887,
0.3166

146.2886, 0.3487,
0.3273

 0.0000, 1.0000,
0.0000


182.2111, 0.3461,


 0.0000, 0.0000,


0.3275


0.0000

223.5799, 0.3439,
0.3276


 23.5975, 0.3793,
0.3247


 23.5975, 0.3793,
0.3247


 19.4551, 0.4113,
0.3234


 28.5695, 0.3531,
0.3261


 16.0940, 0.4496,
0.3223


 34.4091, 0.3321,
0.3275


 13.4661, 0.4931,
0.3217


 41.1563, 0.3151,
0.3288


 11.5168, 0.5392,
0.3219


 48.8475, 0.3015,
0.3300


 10.1836, 0.5823,
0.3231

 57.5169, 0.2905,
0.3311

 9.3926, 0.6158,
0.3253

 67.1974, 0.2815,
0.3321

 9.0199, 0.6339,
0.3266

 77.9199, 0.2742,
0.3330

 87.6512, 0.2678,
0.3304

 87.7392, 0.2671,
0.3289

Harmonies

Analogous

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



23.5975, 0.3458, 0.2944



23.5975, 0.3793, 0.3247



23.5975, 0.3936, 0.3576

Triad

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



23.5975, 0.3793, 0.3247



23.5975, 0.3166, 0.3953



23.5975, 0.2445, 0.2697

Complementary

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



23.5975, 0.3793, 0.3247



37.1368, 0.2703, 0.3335

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.



23.5975, 0.2380, 0.2922



23.5975, 0.3793, 0.3247



23.5975, 0.2780, 0.3673

Square

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



23.5975, 0.3793, 0.3247



23.5975, 0.3558, 0.4014



23.5975, 0.2498, 0.3279



23.5975, 0.2680, 0.2634

Rectangle

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



23.5975, 0.3793, 0.3247



23.5975, 0.3900, 0.3776



23.5975, 0.2498, 0.3279



23.5975, 0.2403, 0.2754

Sweetspot

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



23.5986, 0.3793, 0.3247



65.2545, 0.3276, 0.3278



24.8344, 0.3122, 0.2510



14.1313, 0.3302, 0.3276



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



23.5986, 0.3793, 0.3247



37.3434, 0.4013, 0.3237



29.9272, 0.3724, 0.3644



8.0221, 0.3278, 0.3278



6.5447, 0.6328, 0.3260



0.1843, 0.6026, 0.3093

Inverse Universe

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



23.5986, 0.3793, 0.3247



37.3434, 0.4013, 0.3237



28.8455, 0.2638, 0.2906



8.0221, 0.3278, 0.3278



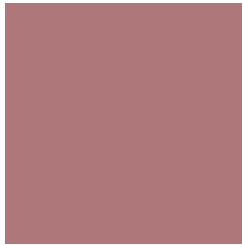
6.5447, 0.6328, 0.3260



0.1843, 0.6026, 0.3093

Previews

White Background



This preview shows how the Yxy color 23.5975, 0.3793, 0.3247 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 23.5975, 0.3793, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

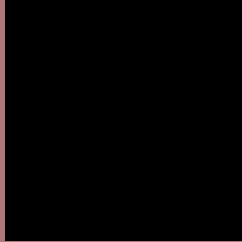
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5975, 0.3793, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 23.5975, 0.3793, 0.3247.



This preview shows how white text looks on a background with the Yxy color 23.5975, 0.3793, 0.3247.

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

23.5975, 0.3793, 0.3247

Protanopia

23.7051, 0.3205, 0.3342

Deuteranopia

23.7320, 0.3506, 0.3440



Tritanopia

23.6031, 0.3744, 0.3158

Trichromacy



Original Color

23.5975, 0.3793, 0.3247

Protanomaly

23.4547, 0.3402, 0.3307

Deuteranomaly

23.5213, 0.3607, 0.3355

Tritanomaly

23.5515, 0.3770, 0.3187

Monochromacy



Original Color

23.5975, 0.3793, 0.3247

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0880, 0.3352, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5975, 0.3793, 0.3247 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(174, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(174, 119, 122)  
}
```

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(174, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 119, 122) }
```

Border

The CSS property to change the border of an element to Yxy 23.5975, 0.3793, 0.3247 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(174, 119, 122) }
```

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

```
.border{ border-color:rgb(174, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(174, 119,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5975, 0.3793, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 119, 122) }
```

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

```
.background{ background-color: rgb(174,  
119, 122) }
```

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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