

Converting Colors

$Y_{xy}(23.7379, 0.3754, 0.3224)$

Have a look what the booklet for
Yxy(23.7379, 0.3754, 0.3224)
contains.

Yxy(23.7724, 0.3750, 0.3232)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.7724, 0.3750, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	AD787C
RGB	173, 120, 124
RGB Percent	68%, 47%, 49%
CMY	0.3217, 0.5293, 0.5138
CMYK	0.00, 0.31, 0.28, 0.32
HSL	356°, 24%, 57%
HSV	356°, 31%, 68%
XYZ	27.5825, 23.7724, 22.1984
YIQ	136.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

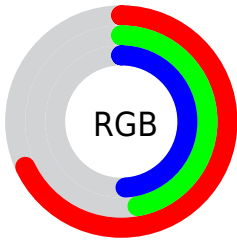
Format	Color
R_{YB}	173, 120, 124
Decimal	11368572
CIE _{Lab}	55.86, 21.29, 6.18
CIE _{LCh}	56, 22.173, 16.195
Yxy	23.7724, 0.3750, 0.3232
Android (android.graphics.Color)	4289558652 (0xFFAD787C)
YUV	136.3030, -6.0654, 32.1833
Hunter-Lab	48.7569, 15.6552, 7.1360

Details

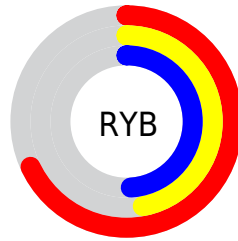
The Yxy color **23.7724, 0.3750, 0.3232** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.7351, 0.2722, 0.3351**, and the grayscale version is **24.7548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8447, 0.3621, 0.3257**, and **8.9364, 0.3995, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **19.6087, 0.4056, 0.3213**, and if you desaturate by 10%, it is **28.7556, 0.3500, 0.3252**.

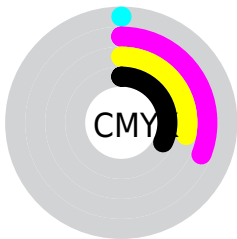
Distribution



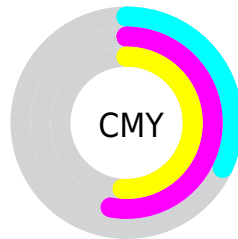
- Red (68%)
- Green (47%)
- Blue (49%)



- Red (68%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (32%)





- Cyan (32%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7724, 0.3750, 0.3232 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 23.7724, 0.3750, 0.3232 by changing the saturation by 10% instead.


 23.7724, 0.3750,
0.3232


 23.7724, 0.3750,
0.3232


271.6678, 0.3401,
0.3270


 15.1649, 0.3852,
0.3218

 49.6585, 0.3613,
0.3248

 8.9352, 0.3994,
0.3198


 67.7059, 0.3565,
0.3254

 4.6989, 0.4203,
0.3164

 89.6687, 0.3525,
0.3258

 2.0717, 0.4541,
0.3100

115.9314, 0.3492,
0.3261

 0.6486, 0.5595,
0.3097

146.8782, 0.3464,
0.3264

 0.0000, 1.0000,
0.0000

182.8936, 0.3440,

 0.0000, 0.0000,


0.3266


0.0000


224.3620, 0.3419,
0.3268


 23.7724, 0.3750,
0.3232


 23.7724, 0.3750,
0.3232

 19.6087, 0.4056,
0.3213


 28.7556, 0.3500,
0.3252


 16.2175, 0.4424,
0.3197


 34.5953, 0.3298,
0.3271

 13.5523, 0.4846,
0.3187


 41.3304, 0.3136,
0.3289


 11.5599, 0.5299,
0.3187


 48.9963, 0.3005,
0.3306


 10.1802, 0.5735,
0.3201


 57.6266, 0.2900,
0.3321


 9.3423, 0.6091,
0.3228

 67.2531, 0.2813,
0.3334

 8.9098, 0.6314,
0.3252

 77.9064, 0.2743,
0.3347

 87.4291, 0.2680,
0.3321

 87.6209, 0.2666,
0.3289

Harmonies

Analogous

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



23.7724, 0.3423, 0.2944



23.7724, 0.3750, 0.3232



23.7724, 0.3900, 0.3549

Triad

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



23.7724, 0.3750, 0.3232



23.7724, 0.3188, 0.3933



23.7724, 0.2464, 0.2730

Complementary

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



23.7724, 0.3750, 0.3232



36.7351, 0.2722, 0.3351

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.



23.7724, 0.2412, 0.2955



23.7724, 0.3750, 0.3232



23.7724, 0.2814, 0.3675

Square

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



23.7724, 0.3750, 0.3232



23.7724, 0.3560, 0.3979



23.7724, 0.2535, 0.3303



23.7724, 0.2682, 0.2659

Rectangle

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



23.7724, 0.3750, 0.3232



23.7724, 0.3874, 0.3742



23.7724, 0.2535, 0.3303



23.7724, 0.2427, 0.2788

Sweetspot

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



23.7735, 0.3750, 0.3232



63.6365, 0.3272, 0.3274



24.8400, 0.3113, 0.2533



13.4803, 0.3297, 0.3271



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



23.7735, 0.3750, 0.3232



37.1961, 0.3959, 0.3219



29.6081, 0.3704, 0.3619



8.0247, 0.3275, 0.3273



6.5516, 0.6301, 0.3244



0.1853, 0.5899, 0.3023

Inverse Universe

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



23.7735, 0.3750, 0.3232



37.1961, 0.3959, 0.3219



29.1141, 0.2655, 0.2935



8.0247, 0.3275, 0.3273



6.5516, 0.6301, 0.3244



0.1853, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 23.7724, 0.3750, 0.3232 looks on a white background.

Color Contrast Check

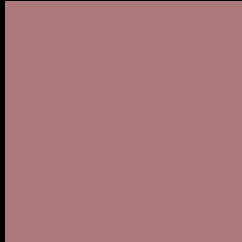
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7724, 0.3750, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

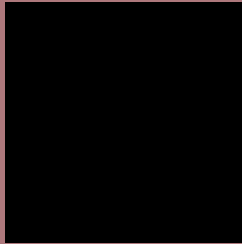
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7724, 0.3750, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 23.7724, 0.3750, 0.3232.



This preview shows how white text looks on a background with the Yxy color 23.7724, 0.3750, 0.3232.

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

23.7724, 0.3750, 0.3232

Protanopia

24.0073, 0.3193, 0.3342

Deuteranopia

23.7811, 0.3482, 0.3406



Tritanopia

23.6364, 0.3703, 0.3156

Trichromacy



Original Color

23.7724, 0.3750, 0.3232

Protanomaly

23.7431, 0.3388, 0.3307

Deuteranomaly

23.8254, 0.3579, 0.3339

Tritanomaly

23.6102, 0.3715, 0.3171

Monochromacy



Original Color

23.7724, 0.3750, 0.3232

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0208, 0.3328, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7724, 0.3750, 0.3232 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(173, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 124)  
}
```

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(173, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 124) }
```

Border

The CSS property to change the border of an element to Yxy 23.7724, 0.3750, 0.3232 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(173, 120, 124) }
```

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

```
.border{ border-color:rgb(173, 120, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 120, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(173, 120,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7724, 0.3750, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 124) }
```

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

```
.background{ background-color: rgb(173,  
120, 124) }
```

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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