

Converting Colors

$Y_{xy}(23.8873, 0.3656, 0.3233)$

Have a look what the booklet for
Yxy(23.8873, 0.3656, 0.3233)
contains.

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Color

Yxy(23.7503, 0.3655, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	A87A7E
RGB	168, 122, 126
RGB Percent	66%, 48%, 49%
CMY	0.3411, 0.5216, 0.5059
CMYK	0.00, 0.27, 0.25, 0.34
HSL	355°, 21%, 57%
HSV	355°, 27%, 66%
XYZ	26.8753, 23.7503, 22.9047
YIQ	136.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

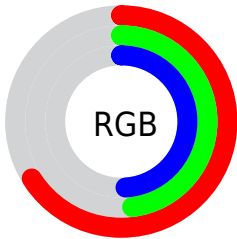
Format	Color
R_{YB}	168, 122, 126
Decimal	11041406
CIE _{Lab}	55.84, 18.54, 4.91
CIE _{LCh}	56, 19.175, 14.838
Yxy	23.7503, 0.3655, 0.3230
Android (android.graphics.Color)	4289231486 (0xFFA87A7E)
YUV	136.2100, -5.0335, 27.8798
Hunter-Lab	48.7343, 13.1518, 6.2482

Details

The Yxy color $23.7503, 0.3655, 0.3230$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.8278, 0.2765, 0.3352$, and the grayscale version is $24.7159, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.7619, 0.3535, 0.3245$, and $8.9457, 0.3866, 0.3204$ is the 20% darker color. If you saturate the color by 10%, you get $19.6099, 0.3937, 0.3207$, and if you desaturate by 10%, it is $28.6670, 0.3425, 0.3253$.

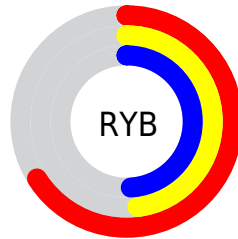
Distribution



Red (66%)

Green (48%)

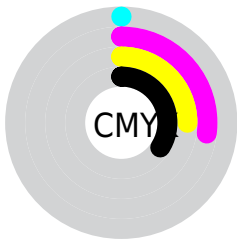
Blue (49%)



Red (66%)

Yellow (48%)

Blue (49%)

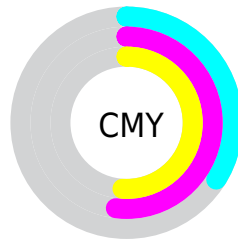


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (34%)



Cyan (34%)


Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7503, 0.3655, 0.3230 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 23.7503, 0.3655, 0.3230 by changing the saturation by 10% instead.


 23.7503, 0.3655,
0.3230


 23.7503, 0.3655,
0.3230


271.5556, 0.3360,
0.3267


 15.1485, 0.3741,
0.3217


 49.6224, 0.3539,
0.3246

 8.9237, 0.3861,
0.3199


 67.6615, 0.3498,
0.3251

 4.6914, 0.4039,
0.3169

 89.6152, 0.3465,
0.3255

 2.0674, 0.4327,
0.3113

115.8678, 0.3437,
0.3258

 0.6462, 0.5193,
0.3086

146.8038, 0.3413,
0.3261

 0.0000, 1.0000,
0.0000

182.8074, 0.3393,

 0.0000, 0.0000,

0.3264

0.0000

224.2633, 0.3375,
0.3266

■ 23.7503, 0.3655,
0.3230

■ 23.7503, 0.3655,
0.3230

■ 19.6099, 0.3937,
0.3207

■ 28.6670, 0.3425,
0.3253

■ 16.2029, 0.4279,
0.3187

■ 34.3932, 0.3240,
0.3275

■ 13.4876, 0.4678,
0.3172

■ 40.9643, 0.3091,
0.3295

■ 11.4164, 0.5119,
0.3167

■ 48.4128, 0.2971,
0.3314

■ 9.9361, 0.5564,
0.3177

■ 56.7692, 0.2873,
0.3331

■ 8.9847, 0.5956,
0.3202

■ 66.0627, 0.2793,
0.3346

■ 8.4671, 0.6237,
0.3238

■ 76.3212, 0.2728,
0.3360

■ 8.3594, 0.6295,
0.3242

■ 86.6689, 0.2672,
0.3358

■ 87.0660, 0.2642,
0.3289

Harmonies

Analogous

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



23.7503, 0.3369, 0.2978



23.7503, 0.3655, 0.3230



23.7503, 0.3793, 0.3508

Triad

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



23.7503, 0.3655, 0.3230



23.7503, 0.3198, 0.3847



23.7503, 0.2543, 0.2810

Complementary

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



23.7503, 0.3655, 0.3230



34.8278, 0.2765, 0.3352

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.



23.7503, 0.2505, 0.3015



23.7503, 0.3655, 0.3230



23.7503, 0.2871, 0.3634

Square

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



23.7503, 0.3655, 0.3230



23.7503, 0.3518, 0.3883



23.7503, 0.2621, 0.3319



23.7503, 0.2729, 0.2739

Rectangle

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



23.7503, 0.3655, 0.3230



23.7503, 0.3778, 0.3677



23.7503, 0.2621, 0.3319



23.7503, 0.2513, 0.2864

Sweetspot

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



23.7514, 0.3655, 0.3230



61.5584, 0.3253, 0.3273



24.5766, 0.3107, 0.2613



13.0698, 0.3278, 0.3270



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.7514, 0.3655, 0.3230



38.2597, 0.3824, 0.3216



28.6058, 0.3633, 0.3571



7.5525, 0.3272, 0.3271



6.3152, 0.6281, 0.3234



0.1568, 0.5801, 0.2969

Inverse Universe

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



23.7514, 0.3655, 0.3230



38.2597, 0.3824, 0.3216



28.6525, 0.2707, 0.2991



7.5525, 0.3272, 0.3271



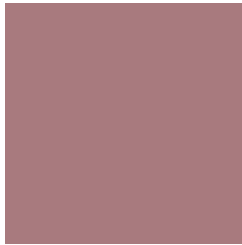
6.3152, 0.6281, 0.3234



0.1568, 0.5801, 0.2969

Previews

White Background



This preview shows how the Yxy color 23.7503, 0.3655, 0.3230 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 23.7503, 0.3655, 0.3230 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 23.7503, 0.3655, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 23.7503, 0.3655, 0.3230.



This preview shows how white text looks on a background with the Yxy color 23.7503, 0.3655, 0.3230.

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

23.7503, 0.3655, 0.3230

Protanopia

23.7594, 0.3183, 0.3307

Deuteranopia

23.7605, 0.3435, 0.3357



Tritanopia

23.7485, 0.3608, 0.3139

Trichromacy



Original Color

23.7503, 0.3655, 0.3230

Protanomaly

23.6081, 0.3341, 0.3274

Deuteranomaly

23.5705, 0.3517, 0.3307

Tritanomaly

23.6947, 0.3633, 0.3169

Monochromacy



Original Color

23.7503, 0.3655, 0.3230

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1944, 0.3315, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7503, 0.3655, 0.3230 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(168, 122, 126)` looks like.

```
.text, #text, p{  
    color:rgb(168, 122, 126)  
}
```

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(168, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 122, 126) }
```

Border

The CSS property to change the border of an element to Yxy 23.7503, 0.3655, 0.3230 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(168, 122, 126) }
```

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

```
.border{ border-color:rgb(168, 122, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(168, 122,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7503, 0.3655, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 122, 126) }
```

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

```
.background{ background-color: rgb(168,  
122, 126) }
```

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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