

Converting Colors

$Y_{xy}(25.0412, 0.3766, 0.3350)$

Have a look what the booklet for
Yxy(25.0412, 0.3766, 0.3350)
contains.

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Color

Yxy(24.9319, 0.3767, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	AD7D79
RGB	173, 125, 121
RGB Percent	68%, 49%, 47%
CMY	0.3216, 0.5098, 0.5254
CMYK	0.00, 0.28, 0.30, 0.32
HSL	5°, 24%, 58%
HSV	5°, 30%, 68%
XYZ	28.0186, 24.9319, 21.4286
YIQ	138.8960, 29.8920, 8.9320

Conversions

Conversions Part 2

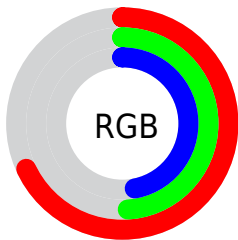
Format	Color
R_{YB}	173, 125, 121
Decimal	11369849
CIE _{Lab}	57.01, 18.07, 9.54
CIE _{LCh}	57, 20.437, 27.836
Yxy	24.9319, 0.3767, 0.3352
Android (android.graphics.Color)	4289559929 (0xFFAD7D79)
YUV	138.8960, -8.8227, 29.9092
Hunter-Lab	49.9319, 12.7823, 9.5075

Details

The Yxy color **24.9319, 0.3767, 0.3352** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.4616, 0.2695, 0.3227**, and the grayscale version is **25.8034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5159, 0.3626, 0.3349**, and **9.5719, 0.3996, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **20.8219, 0.4081, 0.3373**, and if you desaturate by 10%, it is **29.7707, 0.3509, 0.3330**.

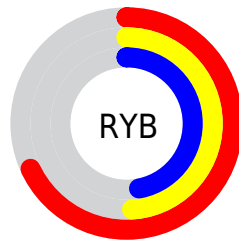
Distribution



Red (68%)

Green (49%)

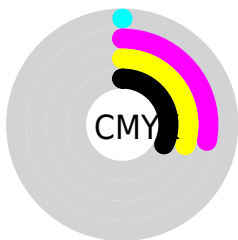
Blue (47%)



Red (68%)

Yellow (49%)

Blue (47%)

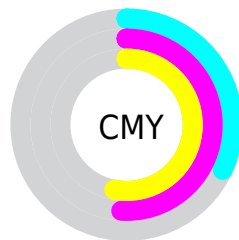


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (32%)



Cyan (32%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9319, 0.3767, 0.3352 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 24.9319, 0.3767, 0.3352 by changing the saturation by 10% instead.


 24.9319, 0.3767,
0.3352


 24.9319, 0.3767,
0.3352


277.4986, 0.3411,
0.3325


 16.0263, 0.3870,
0.3356


 51.5467, 0.3628,
0.3344

 9.5428, 0.4013,
0.3360


 70.0248, 0.3578,
0.3340

 5.0969, 0.4221,
0.3359

 92.4624, 0.3538,
0.3337

 2.3042, 0.4553,
0.3346

119.2441, 0.3504,
0.3334

 0.7759, 0.5624,
0.3561

150.7541, 0.3475,
0.3331

 0.0000, 1.0000,
0.0000


187.3770, 0.3451,

 0.0000, 0.0000,

0.3329

0.0000


229.4970, 0.3429,
0.3327


 24.9319, 0.3767,
0.3352

 24.9319, 0.3767,
0.3352

 20.8219, 0.4081,
0.3373


 29.7707, 0.3509,
0.3330


 17.4019, 0.4454,
0.3392

 35.3674, 0.3298,
0.3310


 14.6353, 0.4880,
0.3406


 41.7539, 0.3128,
0.3290

 12.4803, 0.5333,
0.3409


 48.9593, 0.2989,
0.3272

 10.8904, 0.5765,
0.3399


 57.0110, 0.2876,
0.3256


 9.8125, 0.6112,
0.3373

 65.9354, 0.2783,
0.3242

 9.1791, 0.6340,
0.3348

 75.7576, 0.2707,
0.3229

 86.2142, 0.2663,
0.3265

 87.6240, 0.2666,
0.3289

Harmonies

Analogous

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



24.9319, 0.3524, 0.3071



24.9319, 0.3767, 0.3352



24.9319, 0.3826, 0.3635

Triad

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



24.9319, 0.3767, 0.3352



24.9319, 0.3047, 0.3799



24.9319, 0.2583, 0.2738

Complementary

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



24.9319, 0.3767, 0.3352



35.4616, 0.2695, 0.3227

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.



24.9319, 0.2474, 0.2892



24.9319, 0.3767, 0.3352



24.9319, 0.2731, 0.3514

Square

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



24.9319, 0.3767, 0.3352



24.9319, 0.3398, 0.3921



24.9319, 0.2525, 0.3173



24.9319, 0.2834, 0.2726

Rectangle

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



24.9319, 0.3767, 0.3352



24.9319, 0.3752, 0.3790



24.9319, 0.2525, 0.3173



24.9319, 0.2529, 0.2773

Sweetspot

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



24.9331, 0.3767, 0.3352



64.3052, 0.3282, 0.3308



25.4466, 0.3199, 0.2602



13.6449, 0.3308, 0.3311



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.



24.9331, 0.3767, 0.3352



39.6678, 0.3967, 0.3366



32.2283, 0.3659, 0.3724



8.1105, 0.3284, 0.3308



6.7790, 0.6330, 0.3356



0.2198, 0.6048, 0.3580

Inverse Universe

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



35.4616, 0.2695, 0.3227



61.5440, 0.2612, 0.3211



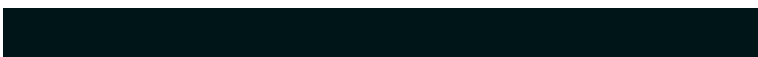
26.8904, 0.2650, 0.2812



8.9653, 0.2986, 0.3272



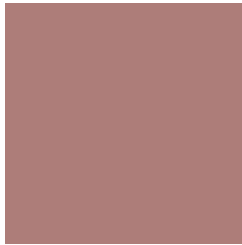
20.6528, 0.2181, 0.3052



0.6049, 0.2203, 0.3129

Previews

White Background



This preview shows how the Yxy color 24.9319, 0.3767, 0.3352 looks on a white background.

Color Contrast Check

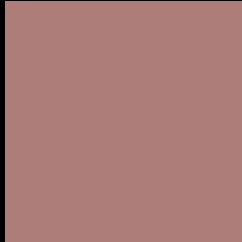
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9319, 0.3767, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

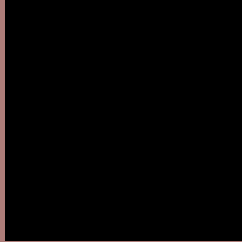
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9319, 0.3767, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 24.9319, 0.3767, 0.3352.



This preview shows how white text looks on a background with the Yxy color 24.9319, 0.3767, 0.3352.

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

24.9319, 0.3767, 0.3352

Protanopia

25.1744, 0.3288, 0.3459

Deuteranopia

25.0267, 0.3557, 0.3484



Tritanopia

24.8580, 0.3637, 0.3143

Trichromacy



Original Color

24.9319, 0.3767, 0.3352

Protanomaly

25.0280, 0.3448, 0.3421

Deuteranomaly

24.8431, 0.3641, 0.3433

Tritanomaly

24.9990, 0.3684, 0.3217

Monochromacy



Original Color

24.9319, 0.3767, 0.3352

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2954, 0.3344, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9319, 0.3767, 0.3352 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, 125, 121)` looks like.

```
.text, #text, p{  
    color:rgb(173, 125, 121)  
}
```

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, 125, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 125, 121) }
```

Border

The CSS property to change the border of an element to Yxy 24.9319, 0.3767, 0.3352 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, 125, 121) }
```

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

```
.border{ border-color:rgb(173, 125, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 125, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 125, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 125, 121); box-shadow:4px 4px 4px 4px rgb(173, 125, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9319, 0.3767, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 125, 121) }
```

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

```
.background{ background-color: rgb(173,  
125, 121) }
```

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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