

Converting Colors

$Y_{xy}(25.7288, 0.3718, 0.3327)$

Have a look what the booklet for
Yxy(25.7288, 0.3718, 0.3327)
contains.

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Color

Yxy(25.6581, 0.3722, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	AE7F7D
RGB	174, 127, 125
RGB Percent	68%, 50%, 49%
CMY	0.3176, 0.5020, 0.5099
CMYK	0.00, 0.27, 0.28, 0.32
HSL	2°, 23%, 59%
HSV	2°, 28%, 68%
XYZ	28.7476, 25.6581, 22.8312
YIQ	140.8250, 28.6540, 9.3420

Conversions

Conversions Part 2

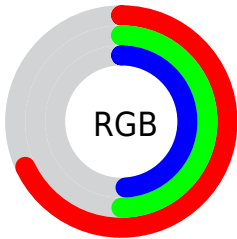
Format	Color
R_{YB}	174, 127, 125
Decimal	11435901
CIE _{Lab}	57.71, 17.91, 8.27
CIE _{LCh}	58, 19.724, 24.786
Yxy	25.6581, 0.3722, 0.3322
Android (android.graphics.Color)	4289625981 (0xFFAE7F7D)
YUV	140.8250, -7.8017, 29.0945
Hunter-Lab	50.6538, 12.6599, 8.7339

Details

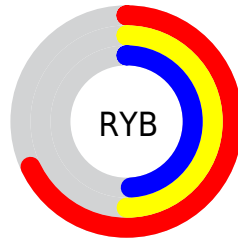
The Yxy color **25.6581, 0.3722, 0.3322** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.9157, 0.2722, 0.3258**, and the grayscale version is **26.5870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6799, 0.3585, 0.3314**, and **9.9637, 0.3941, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **21.2945, 0.4032, 0.3334**, and if you desaturate by 10%, it is **30.8155, 0.3469, 0.3310**.

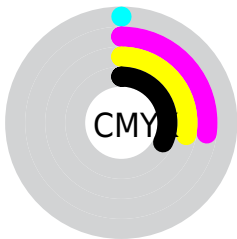
Distribution



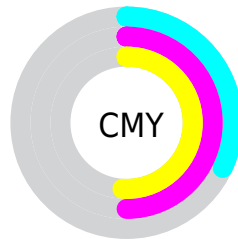
- Red (68%)
- Green (50%)
- Blue (49%)



- Red (68%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (32%)





- Cyan (32%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6581, 0.3722, 0.3322 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 25.6581, 0.3722, 0.3322 by changing the saturation by 10% instead.


 25.6581, 0.3722,
0.3322


 25.6581, 0.3722,
0.3322


281.0997, 0.3392,
0.3311

 16.5680, 0.3817,
0.3323


 52.7229, 0.3593,
0.3319

 9.9270, 0.3947,
0.3321


 71.4663, 0.3548,
0.3318

 5.3506, 0.4138,
0.3315

 94.1964, 0.3510,
0.3316

 2.4544, 0.4439,
0.3296

121.2975, 0.3479,
0.3315

 0.8537, 0.5223,
0.3384

153.1540, 0.3452,
0.3314

 0.0000, 1.0000,
0.0000


190.1502, 0.3430,


 0.0000, 0.0000,


0.3313


0.0000

232.6707, 0.3410,
0.3312


 25.6581, 0.3722,
0.3322

 25.6581, 0.3722,
0.3322


 21.2945, 0.4032,
0.3334


 30.8155, 0.3469,
0.3310

 17.6820, 0.4404,
0.3345


 36.7996, 0.3265,
0.3299


 14.7793, 0.4833,
0.3353

 43.6458, 0.3100,
0.3288

 12.5396, 0.5296,
0.3356

 51.3863, 0.2966,
0.3279

 10.9107, 0.5742,
0.3351

 60.0517, 0.2858,
0.3270

■ 9.8322, 0.6105,
0.3339

■ 69.6712, 0.2770,
0.3262

■ 9.2290, 0.6335,
0.3324

■ 80.2726, 0.2697,
0.3255

■ 9.1562, 0.6369,
0.3325

■ 87.7402, 0.2671,
0.3289

Harmonies

Analogous

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



25.6581, 0.3476, 0.3055



25.6581, 0.3722, 0.3322



25.6581, 0.3798, 0.3596

Triad

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



25.6581, 0.3722, 0.3322



25.6581, 0.3086, 0.3795



25.6581, 0.2588, 0.2770

Complementary

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



25.6581, 0.3722, 0.3322



36.9157, 0.2722, 0.3258

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.



25.6581, 0.2499, 0.2933



25.6581, 0.3722, 0.3322



25.6581, 0.2775, 0.3536

Square

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



25.6581, 0.3722, 0.3322



25.6581, 0.3419, 0.3893



25.6581, 0.2565, 0.3211



25.6581, 0.2818, 0.2745

Rectangle

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



25.6581, 0.3722, 0.3322



25.6581, 0.3741, 0.3750



25.6581, 0.2565, 0.3211



25.6581, 0.2542, 0.2809

Sweetspot

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



25.6593, 0.3722, 0.3322



66.7841, 0.3264, 0.3299



26.6547, 0.3177, 0.2624



14.4628, 0.3292, 0.3300



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.



25.6593, 0.3722, 0.3322



41.2914, 0.3914, 0.3330



32.6553, 0.3627, 0.3673



8.0664, 0.3285, 0.3300



6.6616, 0.6363, 0.3330



0.2021, 0.6201, 0.3458

Inverse Universe

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



36.9157, 0.2722, 0.3258



65.1919, 0.2641, 0.3250



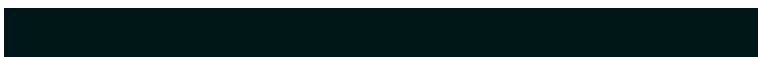
28.5508, 0.2683, 0.2873



9.0145, 0.2987, 0.3280



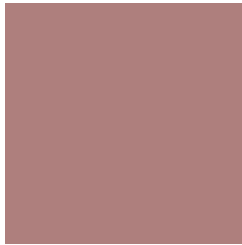
22.2355, 0.2212, 0.3163



0.6356, 0.2223, 0.3203

Previews

White Background



This preview shows how the Yxy color 25.6581, 0.3722, 0.3322 looks on a white background.

Color Contrast Check

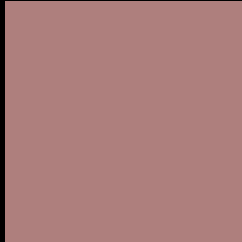
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6581, 0.3722, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

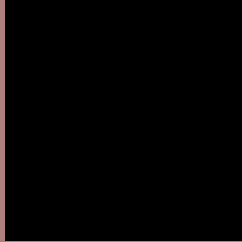
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6581, 0.3722, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 25.6581, 0.3722, 0.3322.



This preview shows how white text looks on a background with the Yxy color 25.6581, 0.3722, 0.3322.

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

25.6581, 0.3722, 0.3322

Protanopia

25.6553, 0.3255, 0.3407

Deuteranopia

25.7745, 0.3516, 0.3451



Tritanopia

25.5305, 0.3618, 0.3143

Trichromacy



Original Color

25.6581, 0.3722, 0.3322

Protanomaly

25.5052, 0.3412, 0.3371

Deuteranomaly

25.5803, 0.3598, 0.3401

Tritanomaly

25.6744, 0.3664, 0.3217

Monochromacy



Original Color

25.6581, 0.3722, 0.3322

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1299, 0.3330, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6581, 0.3722, 0.3322 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, 127, 125)` looks like.

```
.text, #text, p{  
    color:rgb(174, 127, 125)  
}
```

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, 127, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 127, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.6581, 0.3722, 0.3322 is called "border". The border property can be set on classes, ids or directly on the HTML element.

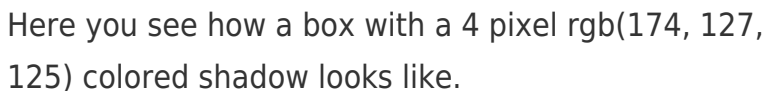
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 127, 125) }
```

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

```
.border{ border-color:rgb(174, 127, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 127, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 127, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 127, 125); box-shadow:4px 4px 4px 4px rgb(174, 127, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6581, 0.3722, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 127, 125) }
```

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

```
.background{ background-color: rgb(174,  
127, 125) }
```

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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