

Converting Colors

$Yxy(23.9124, 0.3755, 0.3547)$

Have a look what the booklet for
Yxy(23.9124, 0.3755, 0.3547)
contains.

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Color

Yxy(24.0078, 0.3746, 0.3546)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A27F6F |
| RGB | 162, 127, 111 |
| RGB Percent | 64%, 50%, 44% |
| CMY | 0.3646, 0.5020, 0.5647 |
| CMYK | 0.00, 0.22, 0.31, 0.36 |
| HSL | 19°, 22%, 54% |
| HSV | 19°, 31%, 64% |
| XYZ | 25.3619, 24.0078, 18.3342 |
| YIQ | 135.6410, 25.9960, 2.4440 |

Conversions

Conversions Part 2

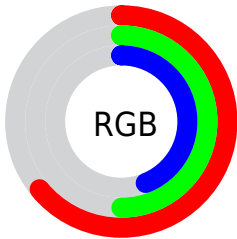
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 162, 134, 111 |
| Decimal | 10649455 |
| CIELab | 56.10, 11.14, 13.86 |
| CIELCh | 56, 17.784, 51.211 |
| Yxy | 24.0078, 0.3746, 0.3546 |
| Android (android.graphics.Color) | 4288839535 (0xFFA27F6F) |
| YUV | 135.6410, -12.1480, 23.1168 |
| Hunter-Lab | 48.9978, 6.6479, 12.1130 |

Details

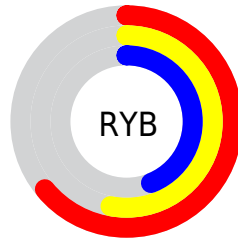
The Yxy color **24.0078, 0.3746, 0.3546** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.5526, 0.2655, 0.3017**, and the grayscale version is **24.5192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1923, 0.3609, 0.3494**, and **9.0589, 0.3985, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **20.9680, 0.4015, 0.3630**, and if you desaturate by 10%, it is **27.4317, 0.3514, 0.3461**.

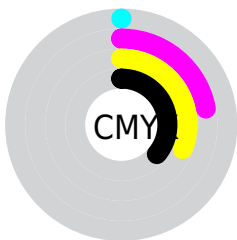
Distribution



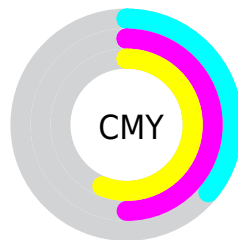
- Red (64%)
- Green (50%)
- Blue (44%)



- Red (64%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (36%)




- Cyan (36%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0078, 0.3746, 0.3546 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 24.0078, 0.3746, 0.3546 by changing the saturation by 10% instead.


 24.0078, 0.3746,
0.3546


 24.0078, 0.3746,
0.3546


272.8599, 0.3400,
0.3411


 15.3394, 0.3847,
0.3581


 50.0429, 0.3610,
0.3496

 9.0579, 0.3986,
0.3626


 68.1785, 0.3562,
0.3477

 4.7790, 0.4189,
0.3686

 90.2385, 0.3523,
0.3462

 2.1182, 0.4512,
0.3763

 116.6074, 0.3490,
0.3449

 0.6748, 0.5756,
0.4244

147.6696, 0.3463,
0.3437

 0.0000, 0.0000,
0.0000

183.8095, 0.3439,

0.3428

225.4115, 0.3418,
0.3419

■ 24.0078, 0.3746,
0.3546

■ 24.0078, 0.3746,
0.3546

■ 20.9680, 0.4015,
0.3630

■ 27.4317, 0.3514,
0.3461

■ 18.2952, 0.4322,
0.3707

■ 31.2494, 0.3317,
0.3379

■ 15.9758, 0.4661,
0.3769

■ 35.4744, 0.3150,
0.3301


■ 13.9942, 0.5018,
0.3804


■ 40.1185, 0.3008,
0.3229

■ 12.3334, 0.5369,
0.3802

■ 45.1930, 0.2888,
0.3163

 10.9746, 0.5682,
0.3754

 50.7089, 0.2787,
0.3102

 10.0346, 0.5911,
0.3689

 56.6766, 0.2700,
0.3047

 63.1062, 0.2625,
0.2997

 69.8902, 0.2570,
0.2971

Harmonies

Analogous

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



24.0078, 0.3655, 0.3290



24.0078, 0.3746, 0.3546



24.0078, 0.3661, 0.3753

Triad

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



24.0078, 0.3746, 0.3546



24.0078, 0.2833, 0.3550



24.0078, 0.2811, 0.2781

Complementary

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



24.0078, 0.3746, 0.3546



26.5526, 0.2655, 0.3017

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.



24.0078, 0.2612, 0.2821



24.0078, 0.3746, 0.3546



24.0078, 0.2624, 0.3254

Square

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



24.0078, 0.3746, 0.3546



24.0078, 0.3127, 0.3773



24.0078, 0.2545, 0.2988



24.0078, 0.3103, 0.2864

Rectangle

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



24.0078, 0.3746, 0.3546



24.0078, 0.3520, 0.3830



24.0078, 0.2545, 0.2988



24.0078, 0.2731, 0.2780

Sweetspot

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



24.0089, 0.3746, 0.3546



58.4291, 0.3276, 0.3360



21.1489, 0.3347, 0.2740



12.8903, 0.3300, 0.3371



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.0089, 0.3746, 0.3546



39.5160, 0.3937, 0.3607



31.2282, 0.3633, 0.3916



7.4316, 0.3277, 0.3361



7.9729, 0.5895, 0.3701



0.2487, 0.5229, 0.4230

Inverse Universe

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



26.5526, 0.2655, 0.3017



44.8779, 0.2551, 0.2944



19.7119, 0.2603, 0.2573



7.6347, 0.2987, 0.3218



11.1255, 0.1959, 0.2254



0.3123, 0.2076, 0.2673

Previews

White Background



This preview shows how the Yxy color 24.0078, 0.3746, 0.3546 looks on a white background.

Color Contrast Check

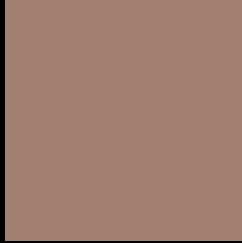
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0078, 0.3746, 0.3546 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 24.0078, 0.3746, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 24.0078, 0.3746, 0.3546.



This preview shows how white text looks on a background with the Yxy color 24.0078, 0.3746, 0.3546.

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

24.0078, 0.3746, 0.3546

Protanopia

24.0388, 0.3426, 0.3616

Deuteranopia

23.9161, 0.3662, 0.3585



Tritanopia

24.0013, 0.3512, 0.3151

Trichromacy



Original Color

24.0078, 0.3746, 0.3546

Protanomaly

23.8371, 0.3532, 0.3576

Deuteranomaly

23.8551, 0.3691, 0.3567

Tritanomaly

23.9344, 0.3595, 0.3291

Monochromacy



Original Color

24.0078, 0.3746, 0.3546

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.3271, 0.3331, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0078, 0.3746, 0.3546 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(162, 127, 111)` looks like.

```
.text, #text, p{  
    color:rgb(162, 127, 111)  
}
```

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(162, 127, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 127, 111) }
```

Border

The CSS property to change the border of an element to Yxy 24.0078, 0.3746, 0.3546 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(162, 127, 111) }
```

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

```
.border{ border-color:rgb(162, 127, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 127, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 127, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 127, 111);  
box-shadow:4px 4px 4px 4px rgb(162, 127,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0078, 0.3746, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 127, 111) }
```

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

```
.background{ background-color: rgb(162,  
127, 111) }
```

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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