

Converting Colors

$Yxy(24.9054, 0.3708, 0.3440)$

Have a look what the booklet for
Yxy(24.9054, 0.3708, 0.3440)
contains.

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Color

Yxy(24.9618, 0.3718, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	A78076
RGB	167, 128, 118
RGB Percent	65%, 50%, 46%
CMY	0.3451, 0.4980, 0.5374
CMYK	0.00, 0.23, 0.29, 0.35
HSL	12°, 22%, 56%
HSV	12°, 29%, 65%
XYZ	26.9243, 24.9618, 20.5299
YIQ	138.5210, 26.4540, 5.1580

Conversions

Conversions Part 2

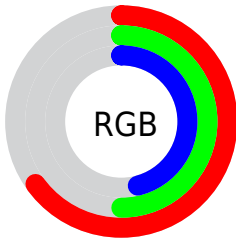
Format	Color
RYB	167, 131, 118
Decimal	10977398
CIELab	57.04, 13.56, 11.24
CIELCh	57, 17.612, 39.670
Yxy	24.9618, 0.3718, 0.3447
Android (android.graphics.Color)	4289167478 (0xFFA78076)
YUV	138.5210, -10.1169, 24.9761
Hunter-Lab	49.9618, 8.7601, 10.6102

Details

The Yxy color $24.9618, 0.3718, 0.3447$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $30.7427, 0.2694, 0.3126$, and the grayscale version is $25.6570, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6380, 0.3590, 0.3420$, and $9.6116, 0.3938, 0.3491$ is the 20% darker color. If you saturate the color by 10%, you get $21.3591, 0.4001, 0.3503$, and if you desaturate by 10%, it is $29.0907, 0.3480, 0.3391$.

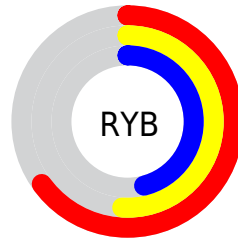
Distribution



Red (65%)

Green (50%)

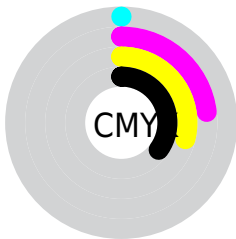
Blue (46%)



Red (65%)

Yellow (51%)

Blue (46%)

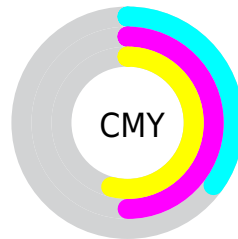


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (35%)



Cyan (35%)


Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9618, 0.3718, 0.3447 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 24.9618, 0.3718, 0.3447 by changing the saturation by 10% instead.


 24.9618, 0.3718,
0.3447


 24.9618, 0.3718,
0.3447


277.6477, 0.3389,
0.3367


 16.0486, 0.3813,
0.3467


 51.5952, 0.3589,
0.3418

 9.5585, 0.3944,
0.3491


 70.0843, 0.3544,
0.3407

 5.1073, 0.4136,
0.3522

 92.5340, 0.3507,
0.3398

 2.3103, 0.4441,
0.3557

119.3289, 0.3475,
0.3390

 0.7792, 0.5650,
0.4028

150.8533, 0.3449,
0.3383

 0.0000, 1.0000,
0.0000

187.4917, 0.3426,

 0.0000, 0.0000,

0.3377

0.0000

229.6283, 0.3406,
0.3372

■ 24.9618, 0.3718,
0.3447

■ 24.9618, 0.3718,
0.3447

■ 21.3591, 0.4001,
0.3503

■ 29.0907, 0.3480,
0.3391

■ 18.2580, 0.4332,
0.3554

■ 33.7624, 0.3282,
0.3337

■ 15.6370, 0.4707,
0.3594


■ 38.9968, 0.3117,
0.3287

■ 13.4715, 0.5111,
0.3615


■ 44.8120, 0.2981,
0.3241


■ 11.7351, 0.5511,
0.3607


■ 51.2252, 0.2867,
0.3198


 10.3980, 0.5865,
0.3563


 58.2529, 0.2772,
0.3160

 9.4217, 0.6140,
0.3497

 65.9108, 0.2691,
0.3125

 9.3697, 0.6157,
0.3493

 74.2143, 0.2624,
0.3094

 82.2933, 0.2627,
0.3206

Harmonies

Analogous

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



24.9618, 0.3567, 0.3194



24.9618, 0.3718, 0.3447



24.9618, 0.3701, 0.3675

Triad

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



24.9618, 0.3718, 0.3447



24.9618, 0.2944, 0.3641



24.9618, 0.2729, 0.2792

Complementary

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



24.9618, 0.3718, 0.3447



30.7427, 0.2694, 0.3126

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.



24.9618, 0.2581, 0.2880



24.9618, 0.3718, 0.3447



24.9618, 0.2700, 0.3368

Square

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



24.9618, 0.3718, 0.3447



24.9618, 0.3245, 0.3808



24.9618, 0.2571, 0.3086



24.9618, 0.2987, 0.2828

Rectangle

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



24.9618, 0.3718, 0.3447



24.9618, 0.3598, 0.3782



24.9618, 0.2571, 0.3086



24.9618, 0.2666, 0.2807

Sweetspot

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



24.9630, 0.3718, 0.3447



60.6385, 0.3278, 0.3336



23.6071, 0.3271, 0.2708



13.2919, 0.3304, 0.3344



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.



24.9630, 0.3718, 0.3447



40.5487, 0.3890, 0.3482



32.0745, 0.3617, 0.3806



7.7818, 0.3281, 0.3337



7.2287, 0.6142, 0.3505



0.2436, 0.5565, 0.3963

Inverse Universe

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



30.7427, 0.2694, 0.3126



52.5280, 0.2609, 0.3086



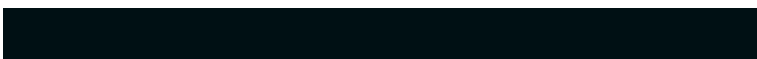
23.3277, 0.2650, 0.2713



8.2674, 0.2987, 0.3243



15.0056, 0.2064, 0.2631



0.4292, 0.2131, 0.2872

Previews

White Background



This preview shows how the Yxy color 24.9618, 0.3718, 0.3447 looks on a white background.

Color Contrast Check

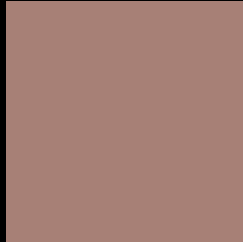
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9618, 0.3718, 0.3447 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 24.9618, 0.3718, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 24.9618, 0.3718, 0.3447.



This preview shows how white text looks on a background with the Yxy color 24.9618, 0.3718, 0.3447.

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

24.9618, 0.3718, 0.3447

Protanopia

25.1361, 0.3353, 0.3544

Deuteranopia

24.9550, 0.3591, 0.3533



Tritanopia

24.8515, 0.3546, 0.3139

Trichromacy



Original Color

24.9618, 0.3718, 0.3447

Protanomaly

25.1061, 0.3479, 0.3504

Deuteranomaly

25.0940, 0.3644, 0.3514

Tritanomaly

24.8315, 0.3604, 0.3245

Monochromacy



Original Color

24.9618, 0.3718, 0.3447

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3562, 0.3329, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9618, 0.3718, 0.3447 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(167, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(167, 128, 118)  
}
```

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(167, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 128, 118) }
```

Border

The CSS property to change the border of an element to Yxy 24.9618, 0.3718, 0.3447 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(167, 128, 118) }
```

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

```
.border{ border-color:rgb(167, 128, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(167, 128,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9618, 0.3718, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 128, 118) }
```

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

```
.background{ background-color: rgb(167,  
128, 118) }
```

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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