

Converting Colors

$Y_{xy}(24.3741, 0.3717, 0.3374)$

Have a look what the booklet for
Yxy(24.3741, 0.3717, 0.3374)
contains.

Yxy(24.3481, 0.3718, 0.3369)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.3481, 0.3718, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	A87D78
RGB	168, 125, 120
RGB Percent	66%, 49%, 47%
CMY	0.3412, 0.5098, 0.5294
CMYK	0.00, 0.26, 0.29, 0.34
HSL	6°, 22%, 56%
HSV	6°, 29%, 66%
XYZ	26.8704, 24.3481, 21.0525
YIQ	137.2870, 27.2330, 7.5610

Conversions

Conversions Part 2

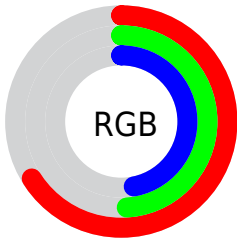
Format	Color
R_{YB}	168, 126, 120
Decimal	11042168
CIE _{Lab}	56.43, 15.94, 9.24
CIE _{LCh}	56, 18.422, 30.095
Yxy	24.3481, 0.3718, 0.3369
Android (android.graphics.Color)	4289232248 (0xFFA87D78)
YUV	137.2870, -8.5225, 26.9353
Hunter-Lab	49.3438, 10.8512, 9.2446

Details

The Yxy color $24.3481, 0.3718, 0.3369$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.0070, 0.2713, 0.3209$, and the grayscale version is $25.1560, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6666, 0.3590, 0.3361$, and $9.2816, 0.3942, 0.3380$ is the 20% darker color. If you saturate the color by 10%, you get $20.4510, 0.4017, 0.3398$, and if you desaturate by 10%, it is $28.8961, 0.3471, 0.3340$.

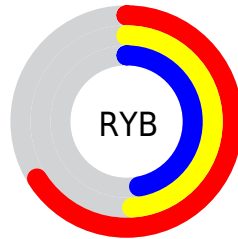
Distribution



Red (66%)

Green (49%)

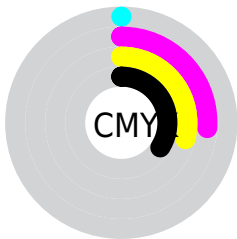
Blue (47%)



Red (66%)

Yellow (49%)

Blue (47%)

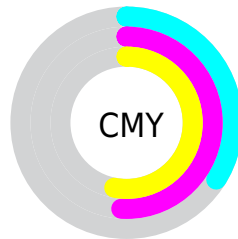


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (34%)



Cyan (34%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3481, 0.3718, 0.3369 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 24.3481, 0.3718, 0.3369 by changing the saturation by 10% instead.


 24.3481, 0.3718,
0.3369


 24.3481, 0.3718,
0.3369


274.5757, 0.3388,
0.3332


 15.5920, 0.3814,
0.3377


 50.5977, 0.3588,
0.3356

 9.2359, 0.3947,
0.3385

 68.8599, 0.3543,
0.3351

 4.8954, 0.4143,
0.3393

 91.0598, 0.3505,
0.3347

 2.1860, 0.4458,
0.3393

117.5815, 0.3474,
0.3343

 0.7124, 0.5634,
0.3693

148.8096, 0.3448,
0.3340

 0.0000, 1.0000,
0.0000


185.1284, 0.3425,


 0.0000, 0.0000,


0.3337


0.0000


226.9223, 0.3405,
0.3334


 24.3481, 0.3718,
0.3369

 24.3481, 0.3718,
0.3369

 20.4510, 0.4017,
0.3398


 28.8961, 0.3471,
0.3340

 17.1717, 0.4373,
0.3424


 34.1193, 0.3270,
0.3312


 14.4795, 0.4781,
0.3444

 40.0450, 0.3106,
0.3286

 12.3397, 0.5221,
0.3452

 46.6977, 0.2971,
0.3263

 10.7136, 0.5654,
0.3443

 54.1011, 0.2861,
0.3241

■ 9.5579, 0.6021,
0.3414

■ 62.2776, 0.2770,
0.3222

■ 8.8183, 0.6278,
0.3375

■ 71.2487, 0.2695,
0.3205

■ 8.7413, 0.6309,
0.3372

■ 81.0351, 0.2631,
0.3189

■ 87.0636, 0.2642,
0.3289

Harmonies

Analogous

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



24.3481, 0.3509, 0.3109



24.3481, 0.3718, 0.3369



24.3481, 0.3758, 0.3624

Triad

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



24.3481, 0.3718, 0.3369



24.3481, 0.3032, 0.3734



24.3481, 0.2644, 0.2781

Complementary

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



24.3481, 0.3718, 0.3369



33.0070, 0.2713, 0.3209

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.



24.3481, 0.2533, 0.2914



24.3481, 0.3718, 0.3369



24.3481, 0.2748, 0.3470

Square

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



24.3481, 0.3718, 0.3369



24.3481, 0.3352, 0.3859



24.3481, 0.2570, 0.3164



24.3481, 0.2883, 0.2779

Rectangle

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



24.3481, 0.3718, 0.3369



24.3481, 0.3684, 0.3760



24.3481, 0.2570, 0.3164



24.3481, 0.2591, 0.2811

Sweetspot

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



24.3492, 0.3718, 0.3369



61.3208, 0.3281, 0.3314



24.4078, 0.3213, 0.2659



13.0615, 0.3307, 0.3318



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.



24.3492, 0.3718, 0.3369



39.7687, 0.3892, 0.3387



31.1092, 0.3621, 0.3724



7.6637, 0.3283, 0.3314



6.6407, 0.6299, 0.3381



0.1992, 0.5916, 0.3685

Inverse Universe

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



33.0070, 0.2713, 0.3209



57.9723, 0.2634, 0.3190



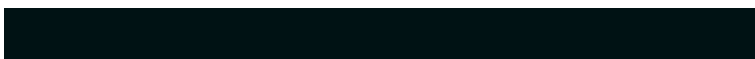
25.3418, 0.2673, 0.2813



8.3963, 0.2987, 0.3266



18.7632, 0.2157, 0.2965



0.4934, 0.2189, 0.3081

Previews

White Background



This preview shows how the Yxy color 24.3481, 0.3718, 0.3369 looks on a white background.

Color Contrast Check

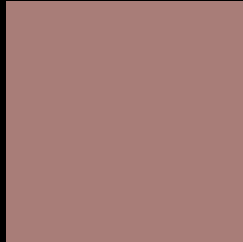
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3481, 0.3718, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

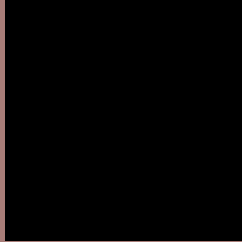
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3481, 0.3718, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 24.3481, 0.3718, 0.3369.



This preview shows how white text looks on a background with the Yxy color 24.3481, 0.3718, 0.3369.

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

24.3481, 0.3718, 0.3369

Protanopia

24.3841, 0.3290, 0.3461

Deuteranopia

24.5331, 0.3548, 0.3486



Tritanopia

24.2944, 0.3576, 0.3139

Trichromacy



Original Color

24.3481, 0.3718, 0.3369

Protanomaly

24.1467, 0.3441, 0.3423

Deuteranomaly

24.5060, 0.3616, 0.3451

Tritanomaly

24.4088, 0.3635, 0.3230

Monochromacy



Original Color

24.3481, 0.3718, 0.3369

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7097, 0.3322, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3481, 0.3718, 0.3369 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, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 125, 120)  
}
```

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, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 125, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.3481, 0.3718, 0.3369 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, 125, 120) }
```

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

```
.border{ border-color:rgb(168, 125, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 125, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(168, 125,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3481, 0.3718, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 125, 120) }
```

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

```
.background{ background-color: rgb(168,  
125, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor