

Converting Colors

$Y_{xy}(24.1900, 0.3298, 0.3466)$

Have a look what the booklet for
Yxy(24.1900, 0.3298, 0.3466)
contains.

Yxy(24.0809, 0.3303, 0.3462)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0809, 0.3303, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	8C867C
RGB	140, 134, 124
RGB Percent	55%, 53%, 49%
CMY	0.4511, 0.4745, 0.5138
CMYK	0.00, 0.04, 0.11, 0.45
HSL	38°, 6%, 52%
HSV	38°, 11%, 55%
XYZ	22.9749, 24.0809, 22.5019
YIQ	134.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

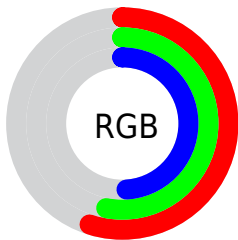
Format	Color
RYB	134, 140, 124
Decimal	9209468
CIELab	56.17, 0.39, 6.18
CIELCh	56, 6.196, 86.368
Yxy	24.0809, 0.3303, 0.3462
Android (android.graphics.Color)	4287399548 (0xFF8C867C)
YUV	134.6540, -5.2524, 4.6884
Hunter-Lab	49.0723, -2.3054, 7.1634

Details

The Yxy color **24.0809, 0.3303, 0.3462** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1303, 0.2956, 0.3112**, and the grayscale version is **24.1109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1446, 0.3273, 0.3429**, and **9.0223, 0.3379, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **22.3441, 0.3475, 0.3620**, and if you desaturate by 10%, it is **25.9414, 0.3148, 0.3311**.

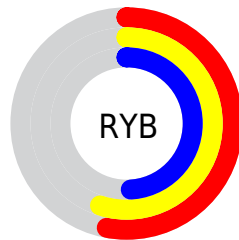
Distribution



Red (55%)

Green (53%)

Blue (49%)



Red (53%)

Yellow (55%)

Blue (49%)

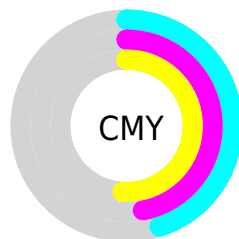


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (45%)



Cyan (45%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0809, 0.3303, 0.3462 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 24.0809, 0.3303, 0.3462 by changing the saturation by 10% instead.


 24.0809, 0.3303,
0.3462


 24.0809, 0.3303,
0.3462


273.2292, 0.3205,
0.3367


 15.3936, 0.3331,
0.3490


 50.1622, 0.3265,
0.3425

 9.0961, 0.3370,
0.3528


 68.3250, 0.3251,
0.3412

 4.8039, 0.3428,
0.3583

 90.4151, 0.3240,
0.3401

 2.1327, 0.3521,
0.3673

116.8170, 0.3231,
0.3392

 0.6829, 0.3985,
0.4132

147.9149, 0.3223,
0.3384

 0.0000, 0.0000,
0.0000

184.0933, 0.3216,

0.3377

225.7366, 0.3211,
0.3372

■ 24.0809, 0.3303,
0.3462

■ 24.0809, 0.3303,
0.3462

■ 22.3441, 0.3475,
0.3620

■ 25.9414, 0.3148,
0.3311

■ 20.7247, 0.3663,
0.3781

■ 27.9254, 0.3009,
0.3168

■ 19.2205, 0.3866,
0.3941

■ 30.0369, 0.2885,
0.3036

■ 17.8280, 0.4079,
0.4091

■ 32.2785, 0.2775,
0.2913

■ 16.5434, 0.4297,
0.4224

■ 34.6529, 0.2678,
0.2800

■ 15.3627, 0.4510,
0.4327

■ 37.1627, 0.2591,
0.2696

■ 14.2813, 0.4709,
0.4391

■ 39.8104, 0.2514,
0.2601

■ 13.2941, 0.4883,
0.4408

■ 42.5982, 0.2446,
0.2515

■ 12.5118, 0.5019,
0.4397

■ 45.5286, 0.2385,
0.2435

Harmonies

Analogous

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



24.0809, 0.3340, 0.3400



24.0809, 0.3303, 0.3462



24.0809, 0.3219, 0.3478

Triad

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



24.0809, 0.3303, 0.3462



24.0809, 0.2940, 0.3265



24.0809, 0.3140, 0.3145

Complementary

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



24.0809, 0.3303, 0.3462



22.1303, 0.2956, 0.3112

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.



24.0809, 0.3034, 0.3108



24.0809, 0.3303, 0.3462



24.0809, 0.2919, 0.3175

Square

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



24.0809, 0.3303, 0.3462



24.0809, 0.3010, 0.3363



24.0809, 0.2953, 0.3119



24.0809, 0.3245, 0.3218

Rectangle

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



24.0809, 0.3303, 0.3462



24.0809, 0.3148, 0.3460



24.0809, 0.2953, 0.3119



24.0809, 0.3103, 0.3128

Sweetspot

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



24.0820, 0.3303, 0.3462



45.1989, 0.3172, 0.3335



21.6009, 0.3252, 0.3185



10.3568, 0.3184, 0.3346



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.0820, 0.3303, 0.3462



41.5702, 0.3351, 0.3507



25.6175, 0.3270, 0.3563



5.5365, 0.3266, 0.3427



11.1596, 0.5014, 0.4401



0.1023, 0.4575, 0.4750

Inverse Universe

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



22.1303, 0.2956, 0.3112



37.3448, 0.2911, 0.3063



20.7299, 0.2975, 0.3006



5.1781, 0.2991, 0.3149



3.9191, 0.1676, 0.1234



0.0525, 0.1905, 0.2057

Previews

White Background



This preview shows how the Yxy color 24.0809, 0.3303, 0.3462 looks on a white background.

Color Contrast Check

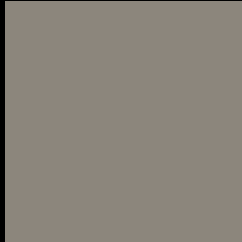
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0809, 0.3303, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

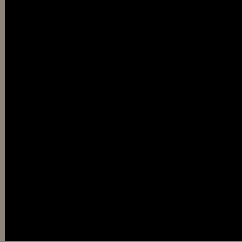
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

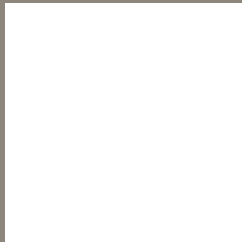
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.0809, 0.3303, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 24.0809, 0.3303, 0.3462.

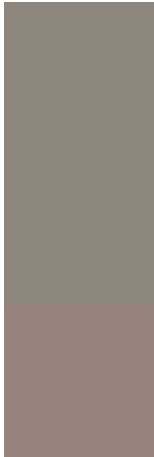


This preview shows how white text looks on a background with the Yxy color 24.0809, 0.3303, 0.3462.

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

24.0809, 0.3303, 0.3462

Protanopia

24.0809, 0.3303, 0.3462

Deuteranopia

24.0252, 0.3432, 0.3373



Tritanopia

23.9364, 0.3136, 0.3107

Trichromacy



Original Color

24.0809, 0.3303, 0.3462

Protanomaly

24.0809, 0.3303, 0.3462

Deuteranomaly

23.9163, 0.3382, 0.3391

Tritanomaly

23.9145, 0.3198, 0.3240

Monochromacy



Original Color

24.0809, 0.3303, 0.3462

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.2850, 0.3192, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0809, 0.3303, 0.3462 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(140, 134, 124)` looks like.

```
.text, #text, p{  
    color:rgb(140, 134, 124)  
}
```

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(140, 134, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 134, 124) }
```

Border

The CSS property to change the border of an element to Yxy 24.0809, 0.3303, 0.3462 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(140, 134, 124) }
```

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

```
.border{ border-color:rgb(140, 134, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 134, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 134, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 134, 124);  
box-shadow:4px 4px 4px 4px rgb(140, 134,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0809, 0.3303, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 134, 124) }
```

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

```
.background{ background-color: rgb(140,  
134, 124) }
```

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