

Converting Colors

$Y_{xy}(25.0801, 0.3444, 0.3556)$

Have a look what the booklet for
Yxy(25.0801, 0.3444, 0.3556)
contains.

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Color

Yxy(24.9558, 0.3450, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	948777
RGB	148, 135, 119
RGB Percent	58%, 53%, 47%
CMY	0.4197, 0.4706, 0.5333
CMYK	0.00, 0.09, 0.20, 0.42
HSL	33°, 12%, 52%
HSV	33°, 20%, 58%
XYZ	24.2051, 24.9558, 20.9988
YIQ	137.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

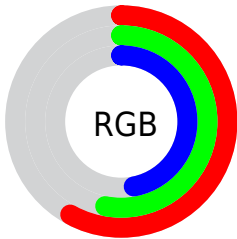
Format	Color
R_{YB}	143, 148, 119
Decimal	9734007
CIE _{Lab}	57.03, 2.13, 10.37
CIE _{LCh}	57, 10.584, 78.375
Yxy	24.9558, 0.3450, 0.3557
Android (android.graphics.Color)	4287924087 (0xFF948777)
YUV	137.0630, -8.9051, 9.5917
Hunter-Lab	49.9558, -0.9339, 10.0466

Details

The Yxy color **24.9558, 0.3450, 0.3557** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5613, 0.2827, 0.3008**, and the grayscale version is **25.0722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4633, 0.3380, 0.3501**, and **9.4933, 0.3568, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **22.8357, 0.3645, 0.3701**, and if you desaturate by 10%, it is **27.2487, 0.3276, 0.3417**.

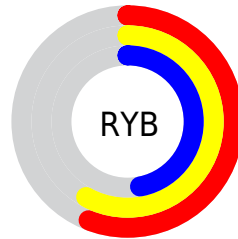
Distribution



Red (58%)

Green (53%)

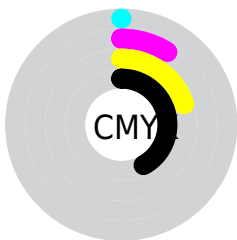
Blue (47%)



Red (56%)

Yellow (58%)

Blue (47%)

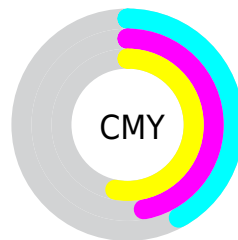


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (42%)



Cyan (42%)


Magenta (47%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9558, 0.3450, 0.3557 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 24.9558, 0.3450, 0.3557 by changing the saturation by 10% instead.


 24.9558, 0.3450,
0.3557


 24.9558, 0.3450,
0.3557


277.6178, 0.3271,
0.3411


 16.0441, 0.3501,
0.3598


 51.5855, 0.3380,
0.3500

 9.5554, 0.3572,
0.3655


 70.0723, 0.3356,
0.3480

 5.1052, 0.3675,
0.3736


 92.5197, 0.3335,
0.3464

 2.3091, 0.3838,
0.3861

119.3119, 0.3318,
0.3450

 0.7785, 0.4677,
0.4597

150.8334, 0.3304,
0.3438

 0.0000, 0.0000,
0.0000

187.4687, 0.3292,

0.3428

229.6020, 0.3281,
0.3419

■ 24.9558, 0.3450,
0.3557

■ 24.9558, 0.3450,
0.3557

■ 22.8357, 0.3645,
0.3701

■ 27.2487, 0.3276,
0.3417

■ 20.8805, 0.3859,
0.3845

■ 29.7154, 0.3121,
0.3285

■ 19.0863, 0.4091,
0.3982

■ 32.3614, 0.2984,
0.3160

■ 17.4480, 0.4335,
0.4103

■ 35.1906, 0.2864,
0.3045

■ 15.9599, 0.4581,
0.4197

■ 38.2070, 0.2759,
0.2939

■ 14.6159, 0.4819,
0.4253

■ 41.4143, 0.2666,
0.2841

■ 13.4093, 0.5033,
0.4261

■ 44.8162, 0.2584,
0.2752

■ 12.3267, 0.5224,
0.4229

■ 48.4162, 0.2512,
0.2670

■ 12.2829, 0.5233,
0.4227

■ 52.2178, 0.2448,
0.2595

Harmonies

Analogous

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



24.9558, 0.3488, 0.3434



24.9558, 0.3450, 0.3557



24.9558, 0.3324, 0.3611

Triad

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



24.9558, 0.3450, 0.3557



24.9558, 0.2837, 0.3289



24.9558, 0.3098, 0.3025

Complementary

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



24.9558, 0.3450, 0.3557



22.5613, 0.2827, 0.3008

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.



24.9558, 0.2927, 0.2984



24.9558, 0.3450, 0.3557



24.9558, 0.2780, 0.3129

Square

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



24.9558, 0.3450, 0.3557



24.9558, 0.2970, 0.3455



24.9558, 0.2812, 0.3020



24.9558, 0.3281, 0.3132

Rectangle

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



24.9558, 0.3450, 0.3557



24.9558, 0.3210, 0.3598



24.9558, 0.2812, 0.3020



24.9558, 0.3037, 0.3003

Sweetspot

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



24.9569, 0.3450, 0.3557



49.5590, 0.3220, 0.3371



21.1594, 0.3337, 0.3073



11.2569, 0.3229, 0.3378



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.9569, 0.3450, 0.3557



42.5560, 0.3523, 0.3613



28.6674, 0.3396, 0.3764



6.3143, 0.3270, 0.3412



10.5489, 0.5224, 0.4234



0.1881, 0.4682, 0.4664

Inverse Universe

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



22.5613, 0.2827, 0.3008



37.6253, 0.2764, 0.2944



19.3616, 0.2829, 0.2773



6.0351, 0.2989, 0.3165



5.2372, 0.1736, 0.1450



0.1215, 0.1961, 0.2260

Previews

White Background



This preview shows how the Yxy color 24.9558, 0.3450, 0.3557 looks on a white background.

Color Contrast Check

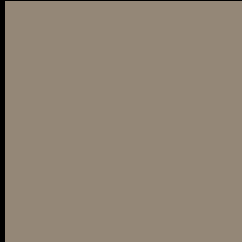
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9558, 0.3450, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

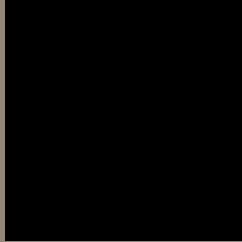
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

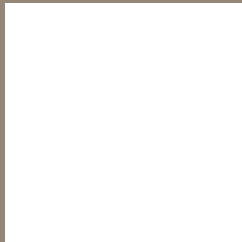
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9558, 0.3450, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 24.9558, 0.3450, 0.3557.



This preview shows how white text looks on a background with the Yxy color 24.9558, 0.3450, 0.3557.

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

24.9558, 0.3450, 0.3557

Protanopia

25.0870, 0.3375, 0.3578

Deuteranopia

24.9265, 0.3545, 0.3485



Tritanopia

25.0348, 0.3237, 0.3130

Trichromacy



Original Color

24.9558, 0.3450, 0.3557

Protanomaly

24.9841, 0.3401, 0.3560

Deuteranomaly

24.9034, 0.3505, 0.3504

Tritanomaly

24.9803, 0.3312, 0.3274

Monochromacy



Original Color

24.9558, 0.3450, 0.3557

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8827, 0.3246, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9558, 0.3450, 0.3557 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(148, 135, 119)` looks like.

```
.text, #text, p{  
    color:rgb(148, 135, 119)  
}
```

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(148, 135, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 135, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.9558, 0.3450, 0.3557 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(148, 135, 119) }
```

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

```
.border{ border-color:rgb(148, 135, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 135, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 135, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 135, 119);  
box-shadow:4px 4px 4px 4px rgb(148, 135,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9558, 0.3450, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 135, 119) }
```

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

```
.background{ background-color: rgb(148,  
135, 119) }
```

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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