

Converting Colors

$Y_{xy}(25.4797, 0.3278, 0.3599)$

Have a look what the booklet for
Yxy(25.4797, 0.3278, 0.3599)
contains.

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Color

Yxy(25.4797, 0.3278, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	898C7A
RGB	137, 140, 122
RGB Percent	54%, 55%, 48%
CMY	0.4628, 0.4510, 0.5215
CMYK	0.02, 0.00, 0.13, 0.45
HSL	70°, 7%, 51%
HSV	70°, 13%, 55%
XYZ	23.2071, 25.4797, 22.1098
YIQ	137.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

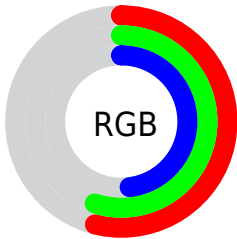
Format	Color
R_{YB}	122, 140, 125
Decimal	9014394
CIE _{Lab}	57.54, -4.47, 9.24
CIE _{LCh}	58, 10.264, 115.829
Yxy	25.4797, 0.3278, 0.3599
Android (android.graphics.Color)	4287204474 (0xFF898C7A)
YUV	137.0510, -7.4201, -0.0447
Hunter-Lab	50.4774, -6.2696, 9.3644

Details

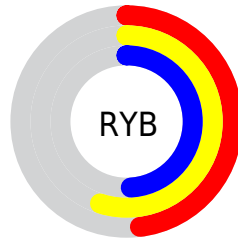
The Yxy color $25.4797, 0.3278, 0.3599$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $20.1762, 0.2965, 0.2968$, and the grayscale version is $25.0644, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5867, 0.3246, 0.3543$, and $9.8196, 0.3336, 0.3727$ is the 20% darker color. If you saturate the color by 10%, you get $24.9626, 0.3397, 0.3850$, and if you desaturate by 10%, it is $26.0534, 0.3160, 0.3357$.

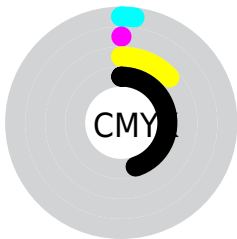
Distribution



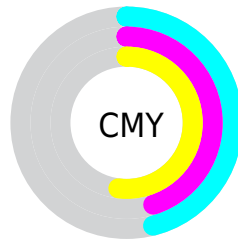
- Red (54%)
- Green (55%)
- Blue (48%)



- Red (48%)
- Yellow (55%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4797, 0.3278, 0.3599 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 25.4797, 0.3278, 0.3599 by changing the saturation by 10% instead.

■ 25.4797, 0.3278,
0.3599

■ 25.4797, 0.3278,
0.3599

280.2185, 0.3196,
0.3427

■ 16.4348, 0.3301,
0.3649

■ 52.4344, 0.3246,
0.3532

■ 9.8324, 0.3332,
0.3718

■ 71.1129, 0.3235,
0.3508

■ 5.2879, 0.3377,
0.3819

■ 93.7715, 0.3226,
0.3489

■ 2.4172, 0.3445,
0.3983

120.7945, 0.3218,
0.3472

■ 0.8347, 0.3840,
0.4684

152.5663, 0.3211,
0.3458

■ 0.0000, 0.0000,
0.0000

189.4713, 0.3205,

0.3447

231.8939, 0.3200,
0.3436

■ 25.4797, 0.3278,
0.3599

■ 25.4797, 0.3278,
0.3599

■ 24.9626, 0.3397,
0.3850

■ 26.0534, 0.3160,
0.3357

■ 24.4965, 0.3513,
0.4105

■ 26.6822, 0.3046,
0.3128

■ 24.0802, 0.3622,
0.4355

■ 27.3693, 0.2937,
0.2914

■ 23.7113, 0.3720,
0.4592

■ 28.1165, 0.2835,
0.2718

■ 23.3870, 0.3800,
0.4805

■ 28.9255, 0.2741,
0.2538

■ 23.1043, 0.3860,
0.4985

■ 29.7980, 0.2653,
0.2375

■ 22.8598, 0.3896,
0.5126

■ 30.7355, 0.2573,
0.2227

■ 22.6493, 0.3907,
0.5224

■ 31.7397, 0.2499,
0.2094

■ 22.5109, 0.3907,
0.5280

■ 32.8119, 0.2432,
0.1973

Harmonies

Analogous

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



25.4797, 0.3415, 0.3568



25.4797, 0.3278, 0.3599



25.4797, 0.3103, 0.3542

Triad

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



25.4797, 0.3278, 0.3599



25.4797, 0.2792, 0.3104



25.4797, 0.3315, 0.3171

Complementary

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



25.4797, 0.3278, 0.3599



20.1762, 0.2965, 0.2968

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.



25.4797, 0.3144, 0.3055



25.4797, 0.3278, 0.3599



25.4797, 0.2844, 0.3014

Square

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



25.4797, 0.3278, 0.3599



25.4797, 0.2826, 0.3249



25.4797, 0.2972, 0.2998



25.4797, 0.3438, 0.3318

Rectangle

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



25.4797, 0.3278, 0.3599



25.4797, 0.2990, 0.3461



25.4797, 0.2972, 0.2998



25.4797, 0.3261, 0.3127

Sweetspot

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



25.4808, 0.3278, 0.3599



45.8005, 0.3175, 0.3386



21.6505, 0.3345, 0.3343



10.5370, 0.3183, 0.3402



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.



25.4808, 0.3278, 0.3599



44.6870, 0.3307, 0.3660



24.7527, 0.3178, 0.3609



5.8034, 0.3234, 0.3508



20.0078, 0.3909, 0.5278



0.1381, 0.4056, 0.5162

Inverse Universe

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



20.1762, 0.2965, 0.2968



33.7273, 0.2931, 0.2901



20.8837, 0.3070, 0.2978



4.9299, 0.3015, 0.3066



1.8550, 0.1590, 0.0650



0.0167, 0.1903, 0.0822

Previews

White Background



This preview shows how the Yxy color 25.4797, 0.3278, 0.3599 looks on a white background.

Color Contrast Check

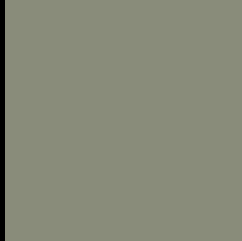
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4797, 0.3278, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

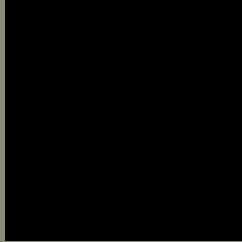
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

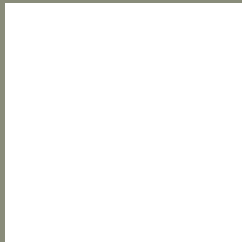
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4797, 0.3278, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 25.4797, 0.3278, 0.3599.



This preview shows how white text looks on a background with the Yxy color 25.4797, 0.3278, 0.3599.

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

25.4797, 0.3278, 0.3599

Protanopia

25.5772, 0.3385, 0.3575

Deuteranopia

25.3732, 0.3519, 0.3452



Tritanopia

25.3776, 0.3070, 0.3109

Trichromacy



Original Color

25.4797, 0.3278, 0.3599

Protanomaly

25.5965, 0.3348, 0.3595

Deuteranomaly

25.5224, 0.3427, 0.3504

Tritanomaly

25.3017, 0.3150, 0.3273

Monochromacy



Original Color

25.4797, 0.3278, 0.3599

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1613, 0.3178, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4797, 0.3278, 0.3599 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(137, 140, 122)` looks like.

```
.text, #text, p{  
    color:rgb(137, 140, 122)  
}
```

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(137, 140, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 140, 122) }
```

Border

The CSS property to change the border of an element to Yxy 25.4797, 0.3278, 0.3599 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(137, 140, 122) }
```

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

```
.border{ border-color:rgb(137, 140, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 140, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 140, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 140, 122);  
box-shadow:4px 4px 4px 4px rgb(137, 140,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4797, 0.3278, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 140, 122) }
```

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

```
.background{ background-color: rgb(137,  
140, 122) }
```

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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