

Converting Colors

$Y_{xy}(24.9984, 0.3547, 0.3582)$

Have a look what the booklet for
Yxy(24.9984, 0.3547, 0.3582)
contains.

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Color

Yxy(25.0835, 0.3547, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	998674
RGB	153, 134, 116
RGB Percent	60%, 53%, 45%
CMY	0.4001, 0.4745, 0.5451
CMYK	0.00, 0.12, 0.24, 0.40
HSL	29°, 15%, 53%
HSV	29°, 24%, 60%
XYZ	24.8107, 25.0835, 20.0542
YIQ	137.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

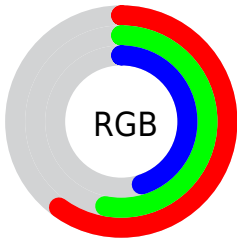
Format	Color
R _Y B	153, 151, 116
Decimal	10061428
CIE Lab	57.16, 4.22, 12.34
CIE LCh	57, 13.041, 71.129
Yxy	25.0835, 0.3547, 0.3586
Android (android.graphics.Color)	4288251508 (0xFF998674)
YUV	137.6290, -10.6631, 13.4804
Hunter-Lab	50.0834, 0.7807, 11.3177

Details

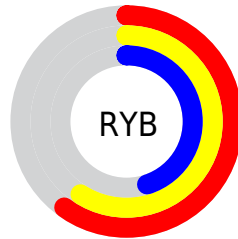
The Yxy color **25.0835, 0.3547, 0.3586** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3273, 0.2755, 0.2974**, and the grayscale version is **25.3030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7777, 0.3460, 0.3523**, and **9.5247, 0.3698, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **22.6687, 0.3761, 0.3715**, and if you desaturate by 10%, it is **27.7201, 0.3357, 0.3459**.

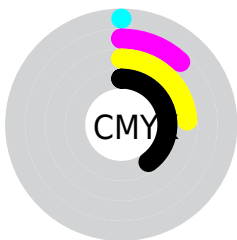
Distribution



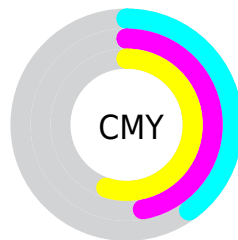
- Red (60%)
- Green (53%)
- Blue (45%)



- Red (60%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (40%)





- Cyan (40%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0835, 0.3547, 0.3586 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 25.0835, 0.3547, 0.3586 by changing the saturation by 10% instead.


 25.0835, 0.3547,
0.3586


 25.0835, 0.3547,
0.3586

278.2535, 0.3315,
0.3425


 16.1393, 0.3614,
0.3631


 51.7927, 0.3456,
0.3524

 9.6228, 0.3705,
0.3691


 70.3264, 0.3424,
0.3502

 5.1496, 0.3838,
0.3776

 92.8254, 0.3398,
0.3484

 2.3353, 0.4048,
0.3903

119.6741, 0.3376,
0.3468

 0.7923, 0.5194,
0.4806

151.2568, 0.3357,
0.3455

 0.0000, 0.0000,
0.0000

187.9581, 0.3341,

0.3444

230.1622, 0.3327,
0.3434

■ 25.0835, 0.3547,
0.3586

■ 25.0835, 0.3547,
0.3586

■ 22.6687, 0.3761,
0.3715

■ 27.7201, 0.3357,
0.3459

■ 20.4659, 0.3999,
0.3842

■ 30.5811, 0.3190,
0.3338

■ 18.4695, 0.4258,
0.3958

■ 33.6733, 0.3045,
0.3225

■ 16.6725, 0.4530,
0.4054

■ 37.0024, 0.2918,
0.3119

■ 15.0672, 0.4804,
0.4117

■ 40.5736, 0.2807,
0.3022

■ 13.6451, 0.5065,
0.4138

■ 44.3921, 0.2711,
0.2933

■ 12.3968, 0.5295,
0.4107

■ 48.4629, 0.2626,
0.2851

■ 11.7398, 0.5423,
0.4076

■ 52.7907, 0.2553,
0.2777

■ 57.3802, 0.2488,
0.2708

Harmonies

Analogous

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



25.0835, 0.3564, 0.3421



25.0835, 0.3547, 0.3586



25.0835, 0.3414, 0.3679

Triad

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



25.0835, 0.3547, 0.3586



25.0835, 0.2803, 0.3339



25.0835, 0.3036, 0.2947

Complementary

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



25.0835, 0.3547, 0.3586



23.3273, 0.2755, 0.2974

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.



25.0835, 0.2839, 0.2917



25.0835, 0.3547, 0.3586



25.0835, 0.2709, 0.3134

Square

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



25.0835, 0.3547, 0.3586



25.0835, 0.2983, 0.3538



25.0835, 0.2722, 0.2982



25.0835, 0.3263, 0.3060

Rectangle

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



25.0835, 0.3547, 0.3586



25.0835, 0.3281, 0.3683



25.0835, 0.2722, 0.2982



25.0835, 0.2964, 0.2927

Sweetspot

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



25.0846, 0.3547, 0.3586



53.2246, 0.3238, 0.3374



21.0112, 0.3368, 0.2979



11.6933, 0.3246, 0.3380



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.0846, 0.3547, 0.3586



42.5547, 0.3659, 0.3656



30.6046, 0.3483, 0.3867



6.6946, 0.3272, 0.3399



9.7723, 0.5411, 0.4085



0.2185, 0.4803, 0.4568

Inverse Universe

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



23.3273, 0.2755, 0.2974



38.8492, 0.2669, 0.2893



18.6432, 0.2728, 0.2640



6.5238, 0.2989, 0.3179



6.5244, 0.1794, 0.1657



0.1703, 0.2000, 0.2399

Previews

White Background



This preview shows how the Yxy color 25.0835, 0.3547, 0.3586 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 25.0835, 0.3547, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

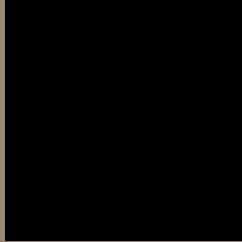
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0835, 0.3547, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 25.0835, 0.3547, 0.3586.



This preview shows how white text looks on a background with the Yxy color 25.0835, 0.3547, 0.3586.

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

25.0835, 0.3547, 0.3586

Protanopia

25.1050, 0.3419, 0.3628

Deuteranopia

25.0326, 0.3615, 0.3548



Tritanopia

24.9563, 0.3309, 0.3117

Trichromacy



Original Color

25.0835, 0.3547, 0.3586

Protanomaly

25.0957, 0.3458, 0.3608

Deuteranomaly

25.1039, 0.3587, 0.3566

Tritanomaly

24.8671, 0.3397, 0.3275

Monochromacy



Original Color

25.0835, 0.3547, 0.3586

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.3427, 0.3268, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0835, 0.3547, 0.3586 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(153, 134, 116)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 116)  
}
```

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(153, 134, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 116) }
```

Border

The CSS property to change the border of an element to Yxy 25.0835, 0.3547, 0.3586 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(153, 134, 116) }
```

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

```
.border{ border-color:rgb(153, 134, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 116);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0835, 0.3547, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 116) }
```

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

```
.background{ background-color: rgb(153,  
134, 116) }
```

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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