

Converting Colors

$Y_{xy}(25.5114, 0.3553, 0.3655)$

Have a look what the booklet for
Yxy(25.5114, 0.3553, 0.3655)
contains.

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Color

Yxy(25.4986, 0.3550, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	988872
RGB	152, 136, 114
RGB Percent	60%, 53%, 45%
CMY	0.4040, 0.4666, 0.5529
CMYK	0.00, 0.11, 0.25, 0.40
HSL	35°, 16%, 52%
HSV	35°, 25%, 60%
XYZ	24.7864, 25.4986, 19.5359
YIQ	138.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

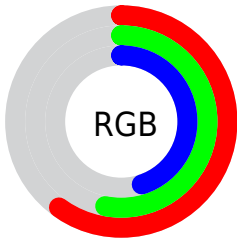
Format	Color
R_{YB}	142, 152, 114
Decimal	9996402
CIE Lab	57.56, 2.38, 14.02
CIE LCh	58, 14.222, 80.351
Yxy	25.4986, 0.3550, 0.3652
Android (android.graphics.Color)	4288186482 (0xFF988872)
YUV	138.2760, -11.9681, 12.0359
Hunter-Lab	50.4961, -0.7501, 12.4092

Details

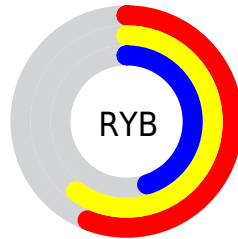
The Yxy color **25.4986, 0.3550, 0.3652** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7990, 0.2737, 0.2899**, and the grayscale version is **25.5679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4138, 0.3463, 0.3572**, and **9.8156, 0.3718, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **23.4357, 0.3752, 0.3803**, and if you desaturate by 10%, it is **27.7285, 0.3367, 0.3503**.

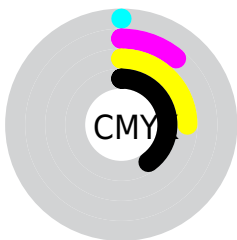
Distribution



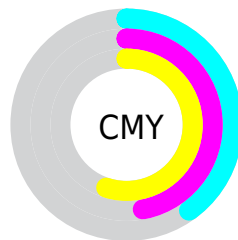
- Red (60%)
- Green (53%)
- Blue (45%)



- Red (56%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (40%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4986, 0.3550, 0.3652 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 25.4986, 0.3550, 0.3652 by changing the saturation by 10% instead.


 25.4986, 0.3550,
0.3652

 25.4986, 0.3550,
0.3652


280.3120, 0.3317,
0.3455


 16.4489, 0.3616,
0.3707

 52.4650, 0.3460,
0.3576

 9.8424, 0.3707,
0.3781


 71.1504, 0.3428,
0.3549

 5.2946, 0.3837,
0.3887

 93.8166, 0.3401,
0.3526

 2.4211, 0.4038,
0.4046

 120.8479, 0.3379,
0.3508

 0.8367, 0.5050,
0.4950

152.6287, 0.3360,
0.3491

 0.0000, 0.0000,
0.0000

189.5433, 0.3344,

0.3478

231.9763, 0.3330,
0.3465

■ 25.4986, 0.3550,
0.3652

■ 25.4986, 0.3550,
0.3652

■ 23.4357, 0.3752,
0.3803

■ 27.7285, 0.3367,
0.3503

■ 21.5318, 0.3971,
0.3951

■ 30.1265, 0.3202,
0.3359

■ 19.7829, 0.4203,
0.4087

■ 32.6979, 0.3056,
0.3223

■ 18.1838, 0.4439,
0.4200

■ 35.4468, 0.2927,
0.3096

■ 16.7286, 0.4670,
0.4280

■ 38.3770, 0.2813,
0.2979

■ 15.4110, 0.4883,
0.4316

■ 41.4925, 0.2712,
0.2871

■ 14.2231, 0.5068,
0.4303

■ 44.7967, 0.2623,
0.2773

■ 13.6679, 0.5157,
0.4287

■ 48.2932, 0.2545,
0.2682

■ 51.9855, 0.2475,
0.2599

Harmonies

Analogous

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



25.4986, 0.3611, 0.3491



25.4986, 0.3550, 0.3652



25.4986, 0.3374, 0.3722

Triad

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



25.4986, 0.3550, 0.3652



25.4986, 0.2733, 0.3271



25.4986, 0.3102, 0.2948

Complementary

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



25.4986, 0.3550, 0.3652



21.7990, 0.2737, 0.2899

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.



25.4986, 0.2873, 0.2886



25.4986, 0.3550, 0.3652



25.4986, 0.2666, 0.3061

Square

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



25.4986, 0.3550, 0.3652



25.4986, 0.2903, 0.3498



25.4986, 0.2717, 0.2924



25.4986, 0.3347, 0.3093

Rectangle

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



25.4986, 0.3550, 0.3652



25.4986, 0.3219, 0.3700



25.4986, 0.2717, 0.2924



25.4986, 0.3021, 0.2917

Sweetspot

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



25.4998, 0.3550, 0.3652



52.2609, 0.3236, 0.3389



20.3323, 0.3418, 0.3019



11.8271, 0.3244, 0.3397



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.



25.4998, 0.3550, 0.3652



42.9516, 0.3661, 0.3737



30.0932, 0.3465, 0.3901



6.7874, 0.3270, 0.3419



11.5270, 0.5149, 0.4294



0.2441, 0.4655, 0.4686

Inverse Universe

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



21.7990, 0.2737, 0.2899



35.2699, 0.2645, 0.2797



18.0515, 0.2740, 0.2609



6.4317, 0.2989, 0.3158



5.0235, 0.1712, 0.1362



0.1448, 0.1936, 0.2169

Previews

White Background



This preview shows how the Yxy color 25.4986, 0.3550, 0.3652 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 25.4986, 0.3550, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

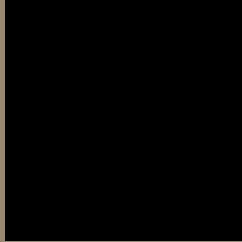
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4986, 0.3550, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 25.4986, 0.3550, 0.3652.



This preview shows how white text looks on a background with the Yxy color 25.4986, 0.3550, 0.3652.

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

25.4986, 0.3550, 0.3652

Protanopia

25.5258, 0.3461, 0.3676

Deuteranopia

25.4864, 0.3647, 0.3578



Tritanopia

25.4241, 0.3283, 0.3132

Trichromacy



Original Color

25.4986, 0.3550, 0.3652

Protanomaly

25.4250, 0.3488, 0.3657

Deuteranomaly

25.4561, 0.3607, 0.3597

Tritanomaly

25.3110, 0.3381, 0.3307

Monochromacy



Original Color

25.4986, 0.3550, 0.3652

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.3159, 0.3278, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4986, 0.3550, 0.3652 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(152, 136, 114)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 114)  
}
```

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(152, 136, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 114) }
```

Border

The CSS property to change the border of an element to Yxy 25.4986, 0.3550, 0.3652 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(152, 136, 114) }
```

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

```
.border{ border-color:rgb(152, 136, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 114);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4986, 0.3550, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 114) }
```

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

```
.background{ background-color: rgb(152,  
136, 114) }
```

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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