

Converting Colors

$Y_{xy}(25.5760, 0.3668, 0.3672)$

Have a look what the booklet for
Yxy(25.5760, 0.3668, 0.3672)
contains.

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Color

Yxy(25.4670, 0.3664, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	9E866F
RGB	158, 134, 111
RGB Percent	62%, 53%, 44%
CMY	0.3804, 0.4745, 0.5646
CMYK	0.00, 0.15, 0.30, 0.38
HSL	29°, 19%, 53%
HSV	29°, 30%, 62%
XYZ	25.4948, 25.4670, 18.6201
YIQ	138.5540, 21.6870, -2.0650

Conversions

Conversions Part 2

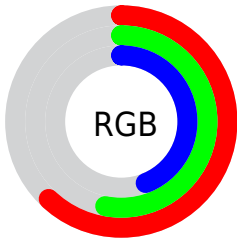
Format	Color
R_{YB}	158, 156, 111
Decimal	10389103
CIE _{Lab}	57.53, 5.53, 15.76
CIE _{LCh}	58, 16.701, 70.665
Yxy	25.4670, 0.3664, 0.3660
Android (android.graphics.Color)	4288579183 (0xFF9E866F)
YUV	138.5540, -13.5841, 17.0541
Hunter-Lab	50.4648, 1.8647, 13.4490

Details

The Yxy color $25.4670, 0.3664, 0.3660$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.1830, 0.2666, 0.2888$, and the grayscale version is $25.6864, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3311, 0.3545, 0.3580$, and $9.7637, 0.3875, 0.3779$ is the 20% darker color. If you saturate the color by 10%, you get $23.0038, 0.3892, 0.3789$, and if you desaturate by 10%, it is $28.1644, 0.3460, 0.3531$.

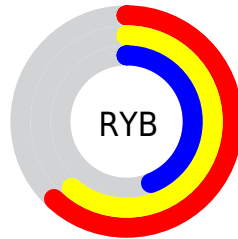
Distribution



Red (62%)

Green (53%)

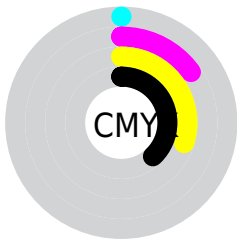
Blue (44%)



Red (62%)

Yellow (61%)

Blue (44%)

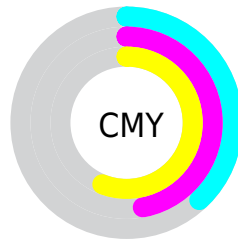


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (38%)



Cyan (38%)


Magenta (47%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4670, 0.3664, 0.3660 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 25.4670, 0.3664, 0.3660 by changing the saturation by 10% instead.


 25.4670, 0.3664,
0.3660


 25.4670, 0.3664,
0.3660


280.1557, 0.3368,
0.3461


 16.4253, 0.3748,
0.3714

 52.4138, 0.3549,
0.3584

 9.8256, 0.3863,
0.3786


 71.0878, 0.3508,
0.3557

 5.2835, 0.4029,
0.3885

 93.7413, 0.3474,
0.3534

 2.4145, 0.4285,
0.4028

 120.7587, 0.3446,
0.3515

 0.8334, 0.5274,
0.4726

152.5245, 0.3422,
0.3499

 0.0000, 0.0000,
0.0000

189.4230, 0.3401,

0.3484

231.8386, 0.3383,
0.3472

■ 25.4670, 0.3664,
0.3660

■ 25.4670, 0.3664,
0.3660

■ 23.0038, 0.3892,
0.3789

■ 28.1644, 0.3460,
0.3531

■ 20.7642, 0.4142,
0.3912

■ 31.0991, 0.3281,
0.3405

■ 18.7419, 0.4410,
0.4018

■ 34.2787, 0.3123,
0.3287

■ 16.9291, 0.4685,
0.4098

■ 37.7092, 0.2986,
0.3176

■ 15.3169, 0.4953,
0.4139

■ 41.3964, 0.2866,
0.3074

■ 13.8959, 0.5198,
0.4130

■ 45.3460, 0.2762,
0.2979

■ 12.6493, 0.5415,
0.4079

■ 49.5635, 0.2671,
0.2893

■ 12.6167, 0.5421,
0.4078

■ 54.0541, 0.2591,
0.2814

■ 58.8229, 0.2521,
0.2742

Harmonies

Analogous

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



25.4670, 0.3685, 0.3447



25.4670, 0.3664, 0.3660



25.4670, 0.3494, 0.3786

Triad

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



25.4670, 0.3664, 0.3660



25.4670, 0.2719, 0.3355



25.4670, 0.3004, 0.2857

Complementary

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



25.4670, 0.3664, 0.3660



23.1830, 0.2666, 0.2888

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.



25.4670, 0.2758, 0.2819



25.4670, 0.3664, 0.3660



25.4670, 0.2600, 0.3091

Square

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



25.4670, 0.3664, 0.3660



25.4670, 0.2946, 0.3613



25.4670, 0.2614, 0.2899



25.4670, 0.3295, 0.2997

Rectangle

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



25.4670, 0.3664, 0.3660



25.4670, 0.3324, 0.3795



25.4670, 0.2614, 0.2899



25.4670, 0.2914, 0.2831

Sweetspot

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



25.4682, 0.3664, 0.3660



56.7872, 0.3271, 0.3399



20.4018, 0.3441, 0.2903



12.6296, 0.3295, 0.3416



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.4682, 0.3664, 0.3660



43.0877, 0.3821, 0.3751



32.6007, 0.3567, 0.4001



7.1550, 0.3273, 0.3400



10.1846, 0.5408, 0.4088



0.2666, 0.4830, 0.4547

Inverse Universe

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



23.1830, 0.2666, 0.2888



38.2184, 0.2554, 0.2777



17.3977, 0.2620, 0.2463



6.9673, 0.2988, 0.3178



6.7343, 0.1791, 0.1647



0.2050, 0.1987, 0.2351

Previews

White Background



This preview shows how the Yxy color 25.4670, 0.3664, 0.3660 looks on a white background.

Color Contrast Check

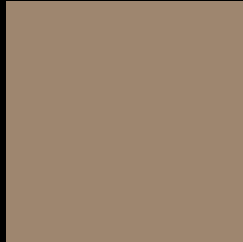
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4670, 0.3664, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

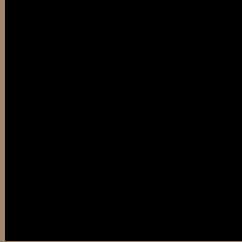
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4670, 0.3664, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 25.4670, 0.3664, 0.3660.



This preview shows how white text looks on a background with the Yxy color 25.4670, 0.3664, 0.3660.

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

25.4670, 0.3664, 0.3660

Protanopia

25.4802, 0.3483, 0.3710

Deuteranopia

25.4998, 0.3705, 0.3640



Tritanopia

25.4358, 0.3379, 0.3135

Trichromacy



Original Color

25.4670, 0.3664, 0.3660

Protanomaly

25.5452, 0.3545, 0.3704

Deuteranomaly

25.3963, 0.3693, 0.3642

Tritanomaly

25.2912, 0.3491, 0.3323

Monochromacy



Original Color

25.4670, 0.3664, 0.3660

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5873, 0.3313, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4670, 0.3664, 0.3660 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(158, 134, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 134, 111)  
}
```

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(158, 134, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 134, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.4670, 0.3664, 0.3660 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(158, 134, 111) }
```

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

```
.border{ border-color:rgb(158, 134, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 134, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 134, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 134, 111);  
box-shadow:4px 4px 4px 4px rgb(158, 134,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4670, 0.3664, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 134, 111) }
```

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

```
.background{ background-color: rgb(158,  
134, 111) }
```

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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