

Converting Colors

$Y_{xy}(25.4145, 0.3866, 0.4233)$

Have a look what the booklet for
Yxy(25.4145, 0.3866, 0.4233)
contains.

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Color

Yxy(25.5433, 0.3862, 0.4234)

Conversions

Conversions Part 1

Format	Color
Hex	968B51
RGB	150, 139, 81
RGB Percent	59%, 55%, 32%
CMY	0.4117, 0.4549, 0.6824
CMYK	0.00, 0.07, 0.46, 0.41
HSL	50°, 30%, 45%
HSV	50°, 46%, 59%
XYZ	23.2991, 25.5433, 11.4866
YIQ	135.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

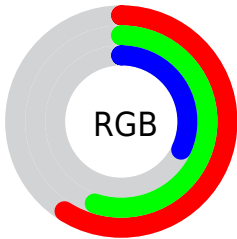
Format	Color
R_{YB}	94, 150, 81
Decimal	9866065
CIE _{Lab}	57.60, -4.32, 32.40
CIE _{LCh}	58, 32.683, 97.601
Yxy	25.5433, 0.3862, 0.4234
Android (android.graphics.Color)	4288056145 (0xFF968B51)
YUV	135.6770, -26.9558, 12.5613
Hunter-Lab	50.5404, -6.1574, 21.9030

Details

The Yxy color **25.5433, 0.3862, 0.4234** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6119, 0.2324, 0.2120**, and the grayscale version is **24.5907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3171, 0.3717, 0.4041**, and **9.8016, 0.4082, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **24.6570, 0.4021, 0.4416**, and if you desaturate by 10%, it is **26.4969, 0.3696, 0.4035**.

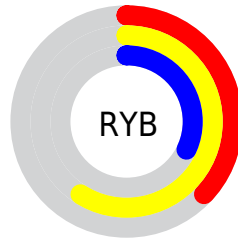
Distribution



Red (59%)

Green (55%)

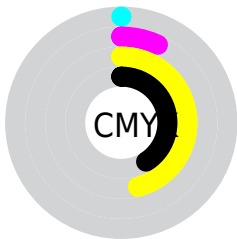
Blue (32%)



Red (37%)

Yellow (59%)

Blue (32%)

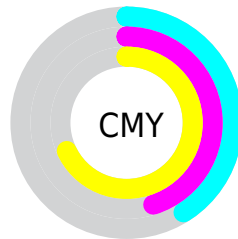


Cyan (0%)

Magenta (7%)

Yellow (46%)

Black (41%)



Cyan (41%)


Magenta (45%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5433, 0.3862, 0.4234 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 25.5433, 0.3862, 0.4234 by changing the saturation by 10% instead.


 25.5433, 0.3862,
0.4234


 25.5433, 0.3862,
0.4234


280.5329, 0.3471,
0.3720


 16.4823, 0.3962,
0.4372


 52.5373, 0.3716,
0.4038

 9.8661, 0.4089,
0.4553


 71.2390, 0.3663,
0.3967


 5.3103, 0.4247,
0.4792

 93.9231, 0.3617,
0.3909

 2.4304, 0.4646,
0.5354

 120.9740, 0.3579,
0.3859

 0.8415, 0.4521,
0.5479

 152.7760, 0.3546,
0.3816

 0.0000, 0.0000,
0.0000

189.7135, 0.3518,

0.3780

232.1711, 0.3493,
0.3748

■ 25.5433, 0.3862,
0.4234

■ 25.5433, 0.3862,
0.4234

■ 24.6570, 0.4021,
0.4416

■ 26.4969, 0.3696,
0.4035

■ 23.8311, 0.4167,
0.4570

■ 27.5174, 0.3531,
0.3826

■ 23.0629, 0.4294,
0.4688

■ 28.6089, 0.3369,
0.3616

■ 22.3480, 0.4396,
0.4765

■ 29.7740, 0.3215,
0.3410

■ 21.6803, 0.4472,
0.4799

■ 31.0151, 0.3071,
0.3212

■ 21.4212, 0.4501,
0.4808

■ 32.3348, 0.2938,
0.3026

■ 33.7351, 0.2816,
0.2853

■ 35.2184, 0.2705,
0.2692

■ 36.7866, 0.2605,
0.2545

Harmonies

Analogous

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



25.5433, 0.4186, 0.3924



25.5433, 0.3862, 0.4234



25.5433, 0.3355, 0.4289

Triad

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



25.5433, 0.3862, 0.4234



25.5433, 0.2151, 0.2921



25.5433, 0.3384, 0.2710

Complementary

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



25.5433, 0.3862, 0.4234



11.6119, 0.2324, 0.2120

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.



25.5433, 0.2823, 0.2474



25.5433, 0.3862, 0.4234



25.5433, 0.2156, 0.2558

Square

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



25.5433, 0.3862, 0.4234



25.5433, 0.2379, 0.3458



25.5433, 0.2389, 0.2413



25.5433, 0.3911, 0.3073

Rectangle

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



25.5433, 0.3862, 0.4234



25.5433, 0.2988, 0.4131



25.5433, 0.2389, 0.2413



25.5433, 0.3191, 0.2614

Sweetspot

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



25.5445, 0.3862, 0.4234



50.8158, 0.3342, 0.3580



13.1530, 0.4114, 0.3096



11.1745, 0.3373, 0.3620



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.



25.5445, 0.3862, 0.4234



43.4862, 0.4022, 0.4417



26.9286, 0.3528, 0.4492



6.5885, 0.3263, 0.3475



17.7980, 0.4498, 0.4811



0.2519, 0.4331, 0.4943

Inverse Universe

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



11.6119, 0.2324, 0.2120



15.8723, 0.2130, 0.1814



11.0313, 0.2554, 0.1990



5.7738, 0.2989, 0.3098



2.4004, 0.1546, 0.0765



0.0577, 0.1705, 0.1338

Previews

White Background



This preview shows how the Yxy color 25.5433, 0.3862, 0.4234 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 25.5433, 0.3862, 0.4234 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 25.5433, 0.3862, 0.4234

Background



This preview shows how black text looks on a background with the Yxy color 25.5433, 0.3862, 0.4234.



This preview shows how white text looks on a background with the Yxy color 25.5433, 0.3862, 0.4234.

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

25.5433, 0.3862, 0.4234

Protanopia

25.4464, 0.3893, 0.4211

Deuteranopia

25.4519, 0.4112, 0.4031



Tritanopia

25.5234, 0.3295, 0.3133

Trichromacy



Original Color

25.5433, 0.3862, 0.4234

Protanomaly

25.3503, 0.3881, 0.4216

Deuteranomaly

25.5142, 0.4014, 0.4116

Tritanomaly

25.5540, 0.3511, 0.3535

Monochromacy



Original Color

25.5433, 0.3862, 0.4234

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.8150, 0.3395, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5433, 0.3862, 0.4234 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(150, 139, 81)` looks like.

```
.text, #text, p{  
    color:rgb(150, 139, 81)  
}
```

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(150, 139, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 139, 81) }
```

Border

The CSS property to change the border of an element to Yxy 25.5433, 0.3862, 0.4234 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(150, 139, 81) }
```

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

```
.border{ border-color:rgb(150, 139, 81) }
```

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

Here you see how a box with a 4 pixel rgb(150, 139, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 139, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 139, 81);  
box-shadow:4px 4px 4px 4px rgb(150, 139,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5433, 0.3862, 0.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 139, 81) }
```

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

```
.background{ background-color: rgb(150,  
139, 81) }
```

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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