

Converting Colors

$Y_{xy}(25.4521, 0.3504, 0.4434)$

Have a look what the booklet for
Yxy(25.4521, 0.3504, 0.4434)
contains.

Yxy(25.4521, 0.3504, 0.4434)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4521, 0.3504, 0.4434)

Conversions

Conversions Part 1

Format	Color
Hex	7C9252
RGB	124, 146, 82
RGB Percent	49%, 57%, 32%
CMY	0.5137, 0.4274, 0.6784
CMYK	0.15, 0.00, 0.44, 0.43
HSL	81°, 28%, 45%
HSV	81°, 44%, 57%
XYZ	20.1137, 25.4521, 11.8363
YIQ	132.1260, 7.4320, -24.5680

Conversions

Conversions Part 2

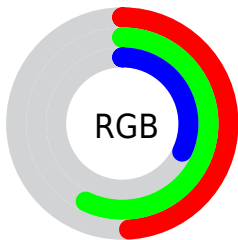
Format	Color
R_{YB}	82, 146, 104
Decimal	8163922
CIE Lab	57.51, -18.91, 31.30
CIE LCh	58, 36.565, 121.142
Yxy	25.4521, 0.3504, 0.4434
Android (android.graphics.Color)	4286354002 (0xFF7C9252)
YUV	132.1260, -24.7121, -7.1265
Hunter-Lab	50.4501, -17.1223, 21.4048

Details

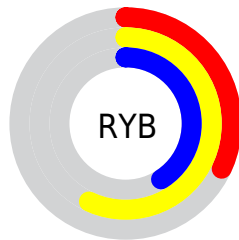
The Yxy color **25.4521, 0.3504, 0.4434** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.0552, 0.2598, 0.2064**, and the grayscale version is **23.2115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4670, 0.3439, 0.4172**, and **9.7616, 0.3596, 0.4863** is the 20% darker color. If you saturate the color by 10%, you get **24.8894, 0.3569, 0.4698**, and if you desaturate by 10%, it is **26.0834, 0.3426, 0.4162**.

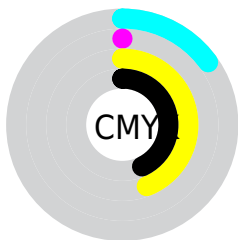
Distribution



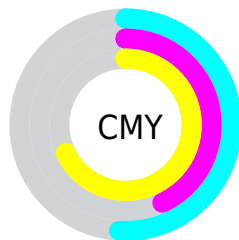
- Red (49%)
- Green (57%)
- Blue (32%)



- Red (32%)
- Yellow (57%)
- Blue (41%)



- Cyan (15%)
- Magenta (0%)
- Yellow (44%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4521, 0.3504, 0.4434 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 25.4521, 0.3504, 0.4434 by changing the saturation by 10% instead.

■ 25.4521, 0.3504,
0.4434

■ 25.4521, 0.3504,
0.4434

280.0820, 0.3317,
0.3786

■ 16.4142, 0.3544,
0.4622

■ 52.3897, 0.3439,
0.4179

■ 9.8177, 0.3588,
0.4879

■ 71.0582, 0.3413,
0.4090

■ 5.2783, 0.3624,
0.5245

■ 93.7057, 0.3391,
0.4016

■ 2.4114, 0.3842,
0.6158

■ 120.7166, 0.3372,
0.3955

■ 0.8318, 0.2834,
0.7166

■ 152.4753, 0.3356,
0.3903

■ 0.0000, 0.0000,
0.0000

189.3662, 0.3341,

0.3859

231.7736, 0.3328,
0.3820

■ 25.4521, 0.3504,
0.4434

■ 25.4521, 0.3504,
0.4434

■ 24.8894, 0.3569,
0.4698

■ 26.0834, 0.3426,
0.4162

■ 24.3887, 0.3617,
0.4942

■ 26.7829, 0.3341,
0.3891

■ 23.9473, 0.3644,
0.5154

■ 27.5547, 0.3251,
0.3629


■ 23.5612, 0.3648,
0.5326

■ 28.4013, 0.3161,
0.3381


■ 23.2253, 0.3628,
0.5450


■ 29.3252, 0.3073,
0.3150

 23.0347, 0.3611,
0.5515

 30.3288, 0.2988,
0.2938

 31.4144, 0.2907,
0.2744

 32.5840, 0.2832,
0.2570

 33.8399, 0.2762,
0.2412

Harmonies

Analogous

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



25.4521, 0.4040, 0.4280



25.4521, 0.3504, 0.4434



25.4521, 0.2895, 0.4193

Triad

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



25.4521, 0.3504, 0.4434



25.4521, 0.2031, 0.2538



25.4521, 0.3892, 0.2951

Complementary

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



25.4521, 0.3504, 0.4434



11.0552, 0.2598, 0.2064

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.



25.4521, 0.3271, 0.2578



25.4521, 0.3504, 0.4434



25.4521, 0.2233, 0.2333

Square

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



25.4521, 0.3504, 0.4434



25.4521, 0.2078, 0.2987



25.4521, 0.2666, 0.2357



25.4521, 0.4301, 0.3411

Rectangle

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



25.4521, 0.3504, 0.4434



25.4521, 0.2532, 0.3830



25.4521, 0.2666, 0.2357



25.4521, 0.3697, 0.2813

Sweetspot

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



25.4532, 0.3504, 0.4434



48.6877, 0.3246, 0.3614



16.4889, 0.4062, 0.3668



10.7677, 0.3264, 0.3665



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.4532, 0.3504, 0.4434



43.8823, 0.3570, 0.4704



23.4786, 0.3167, 0.4566



6.6458, 0.3210, 0.3512



20.2819, 0.3614, 0.5513



0.2646, 0.3890, 0.5293

Inverse Universe

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



11.0552, 0.2598, 0.2064



14.9714, 0.2439, 0.1749



13.2901, 0.3025, 0.2202



5.7241, 0.3039, 0.3065



2.4391, 0.1782, 0.0755



0.0450, 0.2262, 0.1020

Previews

White Background



This preview shows how the Yxy color 25.4521, 0.3504, 0.4434 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 25.4521, 0.3504, 0.4434 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 25.4521, 0.3504, 0.4434

Background



This preview shows how black text looks on a background with the Yxy color 25.4521, 0.3504, 0.4434.



This preview shows how white text looks on a background with the Yxy color 25.4521, 0.3504, 0.4434.

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

25.4521, 0.3504, 0.4434

Protanopia

25.3208, 0.3900, 0.4245

Deuteranopia

25.3739, 0.4078, 0.4006



Tritanopia

25.3334, 0.2965, 0.3106

Trichromacy



Original Color

25.4521, 0.3504, 0.4434

Protanomaly

25.2917, 0.3749, 0.4319

Deuteranomaly

25.1107, 0.3857, 0.4156

Tritanomaly

25.2762, 0.3168, 0.3570

Monochromacy



Original Color

25.4521, 0.3504, 0.4434

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7734, 0.3276, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4521, 0.3504, 0.4434 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(124, 146, 82)` looks like.

```
.text, #text, p{  
    color:rgb(124, 146, 82)  
}
```

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(124, 146, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 146, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.4521, 0.3504, 0.4434 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(124, 146, 82) }
```

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

```
.border{ border-color:rgb(124, 146, 82) }
```

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

Here you see how a box with a 4 pixel rgb(124, 146, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 146, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 146, 82);  
box-shadow:4px 4px 4px 4px rgb(124, 146,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4521, 0.3504, 0.4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 146, 82) }
```

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

```
.background{ background-color: rgb(124,  
146, 82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor