

Converting Colors

$Y_{xy}(24.5749, 0.3645, 0.3779)$

Have a look what the booklet for
Yxy(24.5749, 0.3645, 0.3779)
contains.

Yxy(24.5541, 0.3635, 0.3774)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.5541, 0.3635, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	968669
RGB	150, 134, 105
RGB Percent	59%, 53%, 41%
CMY	0.4118, 0.4745, 0.5882
CMYK	0.00, 0.11, 0.30, 0.41
HSL	39°, 18%, 50%
HSV	39°, 30%, 59%
XYZ	23.6497, 24.5541, 16.8574
YIQ	135.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

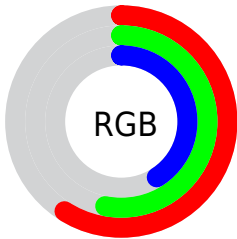
Format	Color
R_{YB}	130, 150, 105
Decimal	9864809
CIE _{Lab}	56.64, 1.39, 17.85
CIE _{LCh}	57, 17.900, 85.552
Yxy	24.5541, 0.3635, 0.3774
Android (android.graphics.Color)	4288054889 (0xFF968669)
YUV	135.4780, -15.0257, 12.7358
Hunter-Lab	49.5521, -1.5234, 14.5163

Details

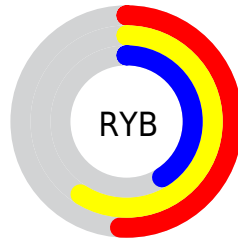
The Yxy color $24.5541, 0.3635, 0.3774$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.8720, 0.2649, 0.2752$, and the grayscale version is $24.4670, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9201, 0.3532, 0.3675$, and $9.3992, 0.3804, 0.3951$ is the 20% darker color. If you saturate the color by 10%, you get $22.8383, 0.3834, 0.3939$, and if you desaturate by 10%, it is $26.4007, 0.3450, 0.3608$.

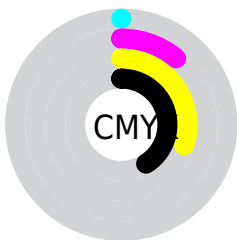
Distribution



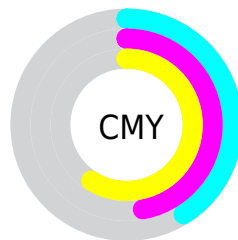
- Red (59%)
- Green (53%)
- Blue (41%)



- Red (51%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (41%)





- Cyan (41%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5541, 0.3635, 0.3774 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 24.5541, 0.3635, 0.3774 by changing the saturation by 10% instead.


 24.5541, 0.3635,
0.3774


 24.5541, 0.3635,
0.3774


275.6100, 0.3355,
0.3509


 15.7452, 0.3714,
0.3848


 50.9329, 0.3526,
0.3672

 9.3440, 0.3822,
0.3949


 69.2716, 0.3488,
0.3635

 4.9662, 0.3976,
0.4090

 91.5556, 0.3456,
0.3605

 2.2275, 0.4221,
0.4312

 118.1694, 0.3429,
0.3579

 0.7349, 0.4991,
0.5009

149.4973, 0.3406,
0.3558

 0.0000, 0.0000,
0.0000

185.9238, 0.3387,

0.3539

227.8332, 0.3370,
0.3523

■ 24.5541, 0.3635,
0.3774

■ 24.5541, 0.3635,
0.3774

■ 22.8383, 0.3834,
0.3939

■ 26.4007, 0.3450,
0.3608

■ 21.2459, 0.4043,
0.4096

■ 28.3784, 0.3280,
0.3445

■ 19.7739, 0.4256,
0.4235

■ 30.4919, 0.3127,
0.3290

■ 18.4177, 0.4465,
0.4346

■ 32.7444, 0.2990,
0.3144

■ 17.1722, 0.4658,
0.4418

■ 35.1392, 0.2867,
0.3008

■ 16.0316, 0.4828,
0.4444

■ 37.6794, 0.2758,
0.2882

■ 14.9831, 0.4976,
0.4431

■ 40.3678, 0.2661,
0.2767

■ 14.9821, 0.4976,
0.4431

■ 43.2075, 0.2575,
0.2661

■ 46.2010, 0.2498,
0.2564

Harmonies

Analogous

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



24.5541, 0.3744, 0.3580



24.5541, 0.3635, 0.3774



24.5541, 0.3390, 0.3844

Triad

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



24.5541, 0.3635, 0.3774



24.5541, 0.2604, 0.3212



24.5541, 0.3149, 0.2885

Complementary

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



24.5541, 0.3635, 0.3774



18.8720, 0.2649, 0.2752

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.



24.5541, 0.2849, 0.2786



24.5541, 0.3635, 0.3774



24.5541, 0.2546, 0.2957

Square

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



24.5541, 0.3635, 0.3774



24.5541, 0.2797, 0.3509



24.5541, 0.2633, 0.2808



24.5541, 0.3456, 0.3079

Rectangle

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



24.5541, 0.3635, 0.3774



24.5541, 0.3186, 0.3799



24.5541, 0.2633, 0.2808



24.5541, 0.3043, 0.2840

Sweetspot

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



24.5552, 0.3635, 0.3774



50.3906, 0.3267, 0.3432



17.9780, 0.3536, 0.3012



11.0607, 0.3289, 0.3453



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.



24.5552, 0.3635, 0.3774



41.2861, 0.3767, 0.3886



28.7539, 0.3499, 0.4033



6.4017, 0.3267, 0.3432



12.4912, 0.4969, 0.4437



0.2086, 0.4551, 0.4769

Inverse Universe

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



18.8720, 0.2649, 0.2752



29.6058, 0.2533, 0.2609



15.6840, 0.2683, 0.2460



5.9498, 0.2989, 0.3143



4.0136, 0.1661, 0.1178



0.1010, 0.1890, 0.2005

Previews

White Background



This preview shows how the Yxy color 24.5541, 0.3635, 0.3774 looks on a white background.

Color Contrast Check

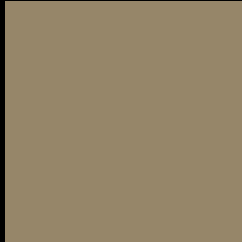
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5541, 0.3635, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

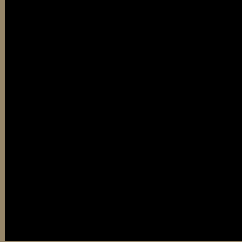
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5541, 0.3635, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 24.5541, 0.3635, 0.3774.



This preview shows how white text looks on a background with the Yxy color 24.5541, 0.3635, 0.3774.

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

24.5541, 0.3635, 0.3774

Protanopia

24.6687, 0.3555, 0.3799

Deuteranopia

24.3768, 0.3754, 0.3677



Tritanopia

24.4346, 0.3310, 0.3131

Trichromacy



Original Color

24.5541, 0.3635, 0.3774

Protanomaly

24.5716, 0.3583, 0.3779

Deuteranomaly

24.3411, 0.3712, 0.3698

Tritanomaly

24.5372, 0.3431, 0.3356

Monochromacy



Original Color

24.5541, 0.3635, 0.3774

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.3586, 0.3301, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5541, 0.3635, 0.3774 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, 134, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 134, 105)  
}
```

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, 134, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 134, 105) }
```

Border

The CSS property to change the border of an element to Yxy 24.5541, 0.3635, 0.3774 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, 134, 105) }
```

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

```
.border{ border-color:rgb(150, 134, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 134, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 134, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 134, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 134,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5541, 0.3635, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 134, 105) }
```

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

```
.background{ background-color: rgb(150,  
134, 105) }
```

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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