

Converting Colors

$Y_{xy}(23.7987, 0.3773, 0.3769)$

Have a look what the booklet for
Yxy(23.7987, 0.3773, 0.3769)
contains.

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Color

Yxy(23.8539, 0.3774, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	9B8264
RGB	155, 130, 100
RGB Percent	61%, 51%, 39%
CMY	0.3922, 0.4901, 0.6079
CMYK	0.00, 0.16, 0.35, 0.39
HSL	33°, 22%, 50%
HSV	33°, 35%, 61%
XYZ	23.7972, 23.8539, 15.4045
YIQ	134.0550, 24.5300, -4.0300

Conversions

Conversions Part 2

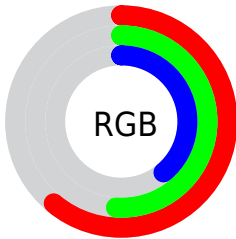
Format	Color
R_{YB}	146, 155, 100
Decimal	10191460
CIE _{Lab}	55.94, 5.05, 19.82
CIE _{LCh}	56, 20.455, 75.721
Yxy	23.8539, 0.3774, 0.3783
Android (android.graphics.Color)	4288381540 (0xFF9B8264)
YUV	134.0550, -16.7891, 18.3688
Hunter-Lab	48.8405, 1.5020, 15.4880

Details

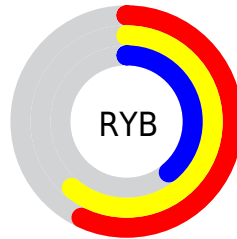
The Yxy color **23.8539, 0.3774, 0.3783** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7318, 0.2567, 0.2738**, and the grayscale version is **23.9172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8030, 0.3631, 0.3684**, and **9.0255, 0.4020, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **21.7742, 0.4002, 0.3923**, and if you desaturate by 10%, it is **26.1210, 0.3565, 0.3639**.

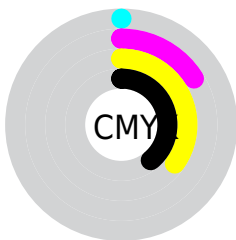
Distribution



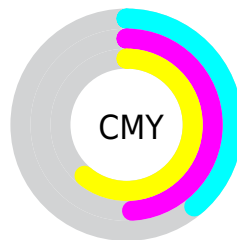
- Red (61%)
- Green (51%)
- Blue (39%)



- Red (57%)
- Yellow (61%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (39%)





- Cyan (39%)
- Magenta (49%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8539, 0.3774, 0.3783 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 23.8539, 0.3774, 0.3783 by changing the saturation by 10% instead.


 23.8539, 0.3774,
0.3783


 23.8539, 0.3774,
0.3783


272.0810, 0.3415,
0.3516


 15.2253, 0.3877,
0.3856


 49.7917, 0.3634,
0.3681


 8.9776, 0.4016,
0.3952


 67.8696, 0.3584,
0.3644

 4.7266, 0.4216,
0.4084

 89.8661, 0.3544,
0.3614

 2.0878, 0.4573,
0.4319

 116.1656, 0.3509,
0.3588

 0.6577, 0.5322,
0.4678

147.1525, 0.3480,
0.3566

 0.0000, 0.0000,
0.0000

183.2110, 0.3455,

0.3547

224.7258, 0.3434,
0.3530

■ 23.8539, 0.3774,
0.3783

■ 23.8539, 0.3774,
0.3783

■ 21.7742, 0.4002,
0.3923

■ 26.1210, 0.3565,
0.3639

■ 19.8727, 0.4244,
0.4050

■ 28.5775, 0.3378,
0.3498

■ 18.1444, 0.4494,
0.4155

■ 31.2299, 0.3210,
0.3361

■ 16.5826, 0.4741,
0.4226

■ 34.0829, 0.3063,
0.3233

■ 15.1798, 0.4969,
0.4252

■ 37.1415, 0.2933,
0.3113

■ 13.9270, 0.5168,
0.4228

■ 40.4100, 0.2819,
0.3003

■ 13.4023, 0.5255,
0.4209

■ 43.8930, 0.2718,
0.2901

■ 47.5947, 0.2630,
0.2808

■ 51.5191, 0.2553,
0.2722

Harmonies

Analogous

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



23.8539, 0.3838, 0.3528



23.8539, 0.3774, 0.3783



23.8539, 0.3533, 0.3924

Triad

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



23.8539, 0.3774, 0.3783



23.8539, 0.2583, 0.3309



23.8539, 0.3031, 0.2777

Complementary

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



23.8539, 0.3774, 0.3783



19.7318, 0.2567, 0.2738

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.



23.8539, 0.2712, 0.2705



23.8539, 0.3774, 0.3783



23.8539, 0.2465, 0.2988

Square

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



23.8539, 0.3774, 0.3783



23.8539, 0.2844, 0.3648



23.8539, 0.2511, 0.2775



23.8539, 0.3395, 0.2966

Rectangle

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



23.8539, 0.3774, 0.3783



23.8539, 0.3310, 0.3918



23.8539, 0.2511, 0.2775



23.8539, 0.2915, 0.2738

Sweetspot

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



23.8550, 0.3774, 0.3783



53.1776, 0.3304, 0.3439



17.5769, 0.3561, 0.2869



11.9036, 0.3325, 0.3456



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



23.8550, 0.3774, 0.3783



39.5961, 0.3963, 0.3900



31.1423, 0.3626, 0.4155



6.7534, 0.3270, 0.3412



10.8448, 0.5244, 0.4218



0.2348, 0.4706, 0.4645

Inverse Universe

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



19.7318, 0.2567, 0.2738



31.0349, 0.2430, 0.2581



14.2934, 0.2523, 0.2264



6.4652, 0.2989, 0.3165



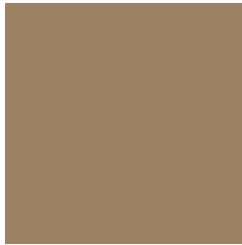
5.5318, 0.1741, 0.1466



0.1541, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 23.8539, 0.3774, 0.3783 looks on a white background.

Color Contrast Check

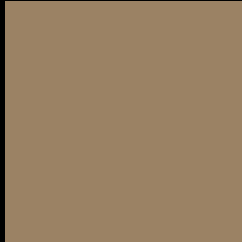
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8539, 0.3774, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

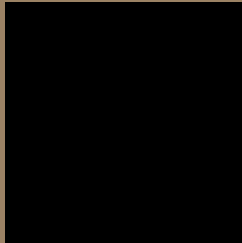
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8539, 0.3774, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 23.8539, 0.3774, 0.3783.



This preview shows how white text looks on a background with the Yxy color 23.8539, 0.3774, 0.3783.

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

23.8539, 0.3774, 0.3783

Protanopia

23.9388, 0.3595, 0.3838

Deuteranopia

23.8897, 0.3817, 0.3760



Tritanopia

23.7874, 0.3425, 0.3133

Trichromacy



Original Color

23.8539, 0.3774, 0.3783

Protanomaly

24.0105, 0.3660, 0.3830

Deuteranomaly

23.7887, 0.3805, 0.3763

Tritanomaly

23.8530, 0.3563, 0.3372

Monochromacy



Original Color

23.8539, 0.3774, 0.3783

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.9310, 0.3351, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8539, 0.3774, 0.3783 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(155, 130, 100)` looks like.

```
.text, #text, p{  
    color:rgb(155, 130, 100)  
}
```

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(155, 130, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 130, 100) }
```

Border

The CSS property to change the border of an element to Yxy 23.8539, 0.3774, 0.3783 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(155, 130, 100) }
```

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

```
.border{ border-color:rgb(155, 130, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 130, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 130, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 130, 100);  
box-shadow:4px 4px 4px 4px rgb(155, 130,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8539, 0.3774, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 130, 100) }
```

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

```
.background{ background-color: rgb(155,  
130, 100) }
```

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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