

Converting Colors

$Yxy(24.7104, 0.3481, 0.3505)$

Have a look what the booklet for
Yxy(24.7104, 0.3481, 0.3505)
contains.

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Color

Yxy(24.7104, 0.3481, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	978578
RGB	151, 133, 120
RGB Percent	59%, 52%, 47%
CMY	0.4078, 0.4784, 0.5294
CMYK	0.00, 0.12, 0.21, 0.41
HSL	25°, 13%, 53%
HSV	25°, 21%, 59%
XYZ	24.5412, 24.7104, 21.2488
YIQ	136.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

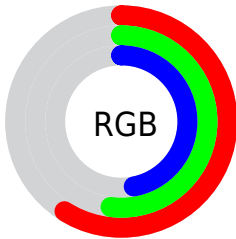
Format	Color
R_{YB}	151, 142, 120
Decimal	9930104
CIE Lab	56.79, 4.63, 9.50
CIE LCh	57, 10.563, 64.016
Yxy	24.7104, 0.3481, 0.3505
Android (android.graphics.Color)	4288120184 (0xFF978578)
YUV	136.9000, -8.3317, 12.3657
Hunter-Lab	49.7096, 1.1323, 9.4526

Details

The Yxy color **24.7104, 0.3481, 0.3505** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4095, 0.2816, 0.3065**, and the grayscale version is **25.0053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0755, 0.3402, 0.3463**, and **9.5179, 0.3611, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **22.0708, 0.3694, 0.3616**, and if you desaturate by 10%, it is **27.6106, 0.3295, 0.3397**.

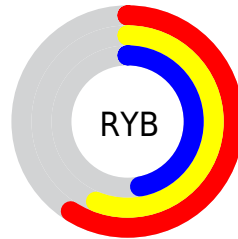
Distribution



Red (59%)

Green (52%)

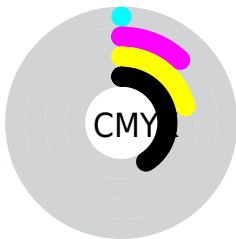
Blue (47%)



Red (59%)

Yellow (56%)

Blue (47%)

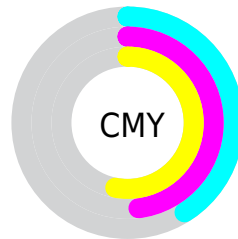


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (41%)



Cyan (41%)


Magenta (48%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7104, 0.3481, 0.3505 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 24.7104, 0.3481, 0.3505 by changing the saturation by 10% instead.


 24.7104, 0.3481,
0.3505


 24.7104, 0.3481,
0.3505


276.3926, 0.3285,
0.3388


 15.8614, 0.3538,
0.3538


 51.1870, 0.3404,
0.3460

 9.4261, 0.3616,
0.3582


 69.5834, 0.3377,
0.3444

 5.0202, 0.3731,
0.3644

 91.9312, 0.3355,
0.3431

 2.2591, 0.3915,
0.3740

118.6145, 0.3336,
0.3419

 0.7519, 0.4772,
0.4335

150.0180, 0.3320,
0.3410

 0.0000, 0.0000,
0.0000

186.5259, 0.3307,

0.3402

228.5226, 0.3295,
0.3395

■ 24.7104, 0.3481,
0.3505

■ 24.7104, 0.3481,
0.3505

■ 22.0708, 0.3694,
0.3616

■ 27.6106, 0.3295,
0.3397

■ 19.6810, 0.3936,
0.3728

■ 30.7754, 0.3135,
0.3295

■ 17.5340, 0.4207,
0.3832

■ 34.2127, 0.2997,
0.3200

■ 15.6215, 0.4500,
0.3921

■ 37.9293, 0.2877,
0.3112

■ 13.9342, 0.4806,
0.3983

■ 41.9315, 0.2774,
0.3032

■ 12.4625, 0.5107,
0.4006

■ 46.2256, 0.2685,
0.2958

■ 11.1956, 0.5382,
0.3981

■ 50.8175, 0.2607,
0.2891

■ 10.1669, 0.5616,
0.3923

■ 55.7130, 0.2540,
0.2829

■ 60.8588, 0.2485,
0.2783

Harmonies

Analogous

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



24.7104, 0.3471, 0.3362



24.7104, 0.3481, 0.3505



24.7104, 0.3394, 0.3596

Triad

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



24.7104, 0.3481, 0.3505



24.7104, 0.2892, 0.3371



24.7104, 0.3011, 0.2996

Complementary

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



24.7104, 0.3481, 0.3505



24.4095, 0.2816, 0.3065

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.



24.7104, 0.2862, 0.2990



24.7104, 0.3481, 0.3505



24.7104, 0.2796, 0.3202

Square

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



24.7104, 0.3481, 0.3505



24.7104, 0.3052, 0.3522



24.7104, 0.2785, 0.3064



24.7104, 0.3195, 0.3074

Rectangle

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



24.7104, 0.3481, 0.3505



24.7104, 0.3294, 0.3612



24.7104, 0.2785, 0.3064



24.7104, 0.2956, 0.2985

Sweetspot

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



24.7115, 0.3481, 0.3505



51.8810, 0.3222, 0.3351



21.8531, 0.3300, 0.2995



11.7171, 0.3231, 0.3357



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.7115, 0.3481, 0.3505



41.8425, 0.3583, 0.3560



29.2483, 0.3434, 0.3747



6.6269, 0.3273, 0.3384



8.7028, 0.5606, 0.3931



0.1997, 0.4930, 0.4468

Inverse Universe

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



24.4095, 0.2816, 0.3065



41.1917, 0.2739, 0.3003



20.2939, 0.2798, 0.2788



6.5923, 0.2989, 0.3195



7.8554, 0.1858, 0.1888



0.1892, 0.2042, 0.2551

Previews

White Background



This preview shows how the Yxy color 24.7104, 0.3481, 0.3505 looks on a white background.

Color Contrast Check

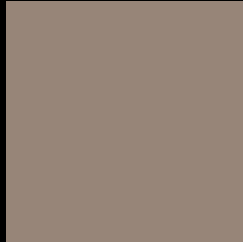
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7104, 0.3481, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

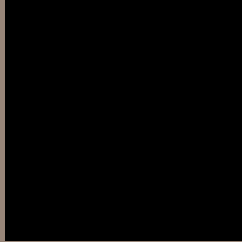
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

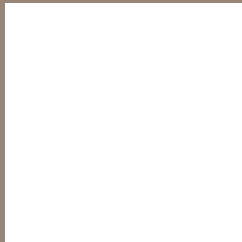
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7104, 0.3481, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 24.7104, 0.3481, 0.3505.



This preview shows how white text looks on a background with the Yxy color 24.7104, 0.3481, 0.3505.

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

24.7104, 0.3481, 0.3505

Protanopia

24.7642, 0.3344, 0.3528

Deuteranopia

24.5572, 0.3536, 0.3470



Tritanopia

24.7287, 0.3297, 0.3131

Trichromacy



Original Color

24.7104, 0.3481, 0.3505

Protanomaly

24.7282, 0.3393, 0.3526

Deuteranomaly

24.7286, 0.3520, 0.3487

Tritanomaly

24.6984, 0.3362, 0.3258

Monochromacy



Original Color

24.7104, 0.3481, 0.3505

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9978, 0.3247, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7104, 0.3481, 0.3505 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(151, 133, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 120)  
}
```

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(151, 133, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.7104, 0.3481, 0.3505 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(151, 133, 120) }
```

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

```
.border{ border-color:rgb(151, 133, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 133, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7104, 0.3481, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 133, 120) }
```

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

```
.background{ background-color: rgb(151,  
133, 120) }
```

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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