

Converting Colors

$Y_{xy}(24.8338, 0.3778, 0.3433)$

Have a look what the booklet for
Yxy(24.8338, 0.3778, 0.3433)
contains.

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Color

Yxy(24.7521, 0.3776, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	AA7E75
RGB	170, 126, 117
RGB Percent	67%, 49%, 46%
CMY	0.3333, 0.5059, 0.5413
CMYK	0.00, 0.26, 0.31, 0.33
HSL	10°, 24%, 56%
HSV	10°, 31%, 67%
XYZ	27.2490, 24.7521, 20.1625
YIQ	138.1300, 29.1130, 6.5290

Conversions

Conversions Part 2

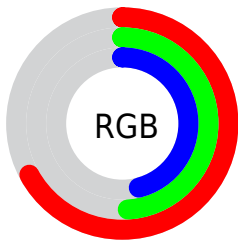
Format	Color
R_{YB}	170, 128, 117
Decimal	11173493
CIE Lab	56.83, 15.76, 11.58
CIE LCh	57, 19.552, 36.310
Yxy	24.7521, 0.3776, 0.3430
Android (android.graphics.Color)	4289363573 (0xFFAA7E75)
YUV	138.1300, -10.4171, 27.9500
Hunter-Lab	49.7515, 10.6996, 10.7979

Details

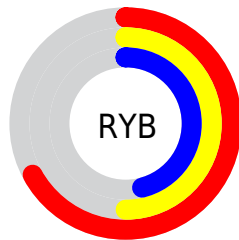
The Yxy color **24.7521, 0.3776, 0.3430** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.1636, 0.2672, 0.3144**, and the grayscale version is **25.5001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2735, 0.3632, 0.3408**, and **9.5193, 0.4028, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **21.0323, 0.4076, 0.3476**, and if you desaturate by 10%, it is **29.0555, 0.3525, 0.3383**.

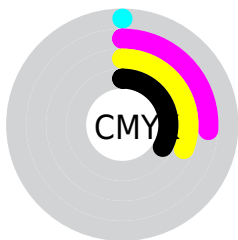
Distribution



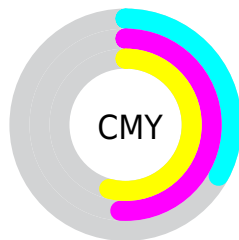
- Red (67%)
- Green (49%)
- Blue (46%)



- Red (67%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7521, 0.3776, 0.3430 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 24.7521, 0.3776, 0.3430 by changing the saturation by 10% instead.

 24.7521, 0.3776,
0.3430

 24.7521, 0.3776,
0.3430


276.6011, 0.3414,
0.3361


 15.8925, 0.3881,
0.3446


 51.2548, 0.3634,
0.3405

 9.4481, 0.4025,
0.3465


 69.6666, 0.3584,
0.3396

 5.0346, 0.4237,
0.3487

 92.0313, 0.3543,
0.3388

 2.2676, 0.4573,
0.3506

118.7332, 0.3509,
0.3381

 0.7565, 0.5949,
0.3976

150.1567, 0.3480,
0.3375

 0.0000, 1.0000,
0.0000

186.6863, 0.3455,

 0.0000, 0.0000,

0.3370

0.0000

228.7063, 0.3433,
0.3365

■ 24.7521, 0.3776,
0.3430

■ 24.7521, 0.3776,
0.3430

■ 21.0323, 0.4076,
0.3476

■ 29.0555, 0.3525,
0.3383

■ 17.8675, 0.4427,
0.3517

■ 33.9626, 0.3317,
0.3338

■ 15.2320, 0.4823,
0.3547


■ 39.4969, 0.3146,
0.3295

■ 13.0965, 0.5243,
0.3558


■ 45.6793, 0.3004,
0.3256


■ 11.4287, 0.5649,
0.3542


■ 52.5302, 0.2887,
0.3220

 10.1928, 0.5991,
0.3495

 60.0686, 0.2789,
0.3187

 9.4231, 0.6219,
0.3444

 68.3132, 0.2708,
0.3158

 77.2816, 0.2639,
0.3131

 85.9884, 0.2649,
0.3266

Harmonies

Analogous

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



24.7521, 0.3588, 0.3153



24.7521, 0.3776, 0.3430



24.7521, 0.3777, 0.3690

Triad

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



24.7521, 0.3776, 0.3430



24.7521, 0.2958, 0.3712



24.7521, 0.2660, 0.2742

Complementary

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



24.7521, 0.3776, 0.3430



32.1636, 0.2672, 0.3144

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.



24.7521, 0.2513, 0.2853



24.7521, 0.3776, 0.3430



24.7521, 0.2678, 0.3413

Square

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



24.7521, 0.3776, 0.3430



24.7521, 0.3295, 0.3880



24.7521, 0.2519, 0.3093



24.7521, 0.2934, 0.2769

Rectangle

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



24.7521, 0.3776, 0.3430



24.7521, 0.3674, 0.3820



24.7521, 0.2519, 0.3093



24.7521, 0.2595, 0.2764

Sweetspot

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



24.7533, 0.3776, 0.3430



63.5631, 0.3279, 0.3329



23.8422, 0.3262, 0.2647



13.8701, 0.3306, 0.3335



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.7533, 0.3776, 0.3430



40.4192, 0.3964, 0.3460



32.3937, 0.3660, 0.3816



7.7412, 0.3282, 0.3329



6.9898, 0.6204, 0.3456



0.2284, 0.5675, 0.3876

Inverse Universe

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



32.1636, 0.2672, 0.3144



55.8702, 0.2586, 0.3110



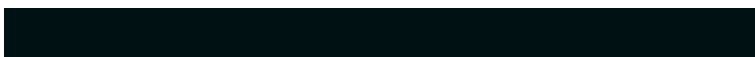
23.9132, 0.2621, 0.2701



8.3114, 0.2987, 0.3251



16.2300, 0.2097, 0.2748



0.4506, 0.2151, 0.2945

Previews

White Background



This preview shows how the Yxy color 24.7521, 0.3776, 0.3430 looks on a white background.

Color Contrast Check

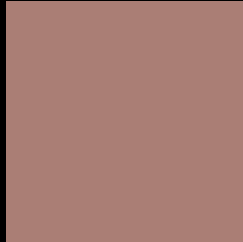
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7521, 0.3776, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

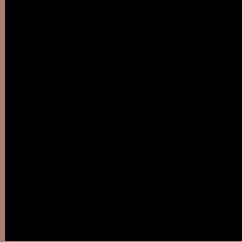
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7521, 0.3776, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 24.7521, 0.3776, 0.3430.



This preview shows how white text looks on a background with the Yxy color 24.7521, 0.3776, 0.3430.

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

24.7521, 0.3776, 0.3430

Protanopia

24.7642, 0.3344, 0.3528

Deuteranopia

24.6617, 0.3607, 0.3534



Tritanopia

24.8794, 0.3610, 0.3156

Trichromacy



Original Color

24.7521, 0.3776, 0.3430

Protanomaly

24.5340, 0.3496, 0.3488

Deuteranomaly

24.6429, 0.3676, 0.3497

Tritanomaly

24.8575, 0.3668, 0.3261

Monochromacy



Original Color

24.7521, 0.3776, 0.3430

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.1459, 0.3354, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7521, 0.3776, 0.3430 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(170, 126, 117)` looks like.

```
.text, #text, p{  
    color:rgb(170, 126, 117)  
}
```

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(170, 126, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 117) }
```

Border

The CSS property to change the border of an element to Yxy 24.7521, 0.3776, 0.3430 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(170, 126, 117) }
```

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

```
.border{ border-color:rgb(170, 126, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 126, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 126, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 126, 117);  
box-shadow:4px 4px 4px 4px rgb(170, 126,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7521, 0.3776, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 117) }
```

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

```
.background{ background-color: rgb(170,  
126, 117) }
```

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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