

Converting Colors

$Y_{xy}(24.1927, 0.3955, 0.3477)$

Have a look what the booklet for
Yxy(24.1927, 0.3955, 0.3477)
contains.

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Color

Yxy(24.1588, 0.3946, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	AF7A6E
RGB	175, 122, 110
RGB Percent	69%, 48%, 43%
CMY	0.3136, 0.5216, 0.5686
CMYK	0.00, 0.30, 0.37, 0.31
HSL	11°, 29%, 56%
HSV	11°, 37%, 69%
XYZ	27.4570, 24.1588, 17.9660
YIQ	136.4790, 35.4400, 7.5040

Conversions

Conversions Part 2

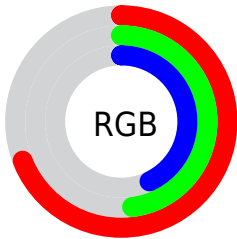
Format	Color
R _Y B	175, 125, 110
Decimal	11500142
CIE Lab	56.25, 19.12, 14.87
CIE LCh	56, 24.220, 37.864
Yxy	24.1588, 0.3946, 0.3472
Android (android.graphics.Color)	4289690222 (0xFFAF7A6E)
YUV	136.4790, -13.0541, 33.7829
Hunter-Lab	49.1516, 13.6980, 12.7343

Details

The Yxy color **24.1588, 0.3946, 0.3472** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.6142, 0.2590, 0.3097**, and the grayscale version is **24.8504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4244, 0.3762, 0.3440**, and **9.1778, 0.4274, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **20.5644, 0.4274, 0.3520**, and if you desaturate by 10%, it is **28.3456, 0.3668, 0.3421**.

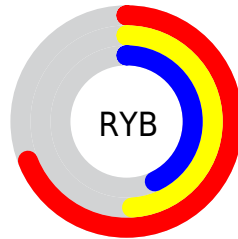
Distribution



Red (69%)

Green (48%)

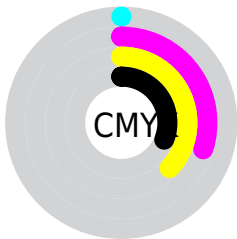
Blue (43%)



Red (69%)

Yellow (49%)

Blue (43%)

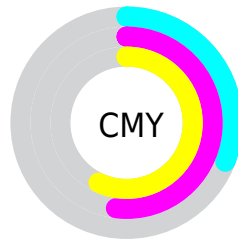


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1588, 0.3946, 0.3472 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 24.1588, 0.3946, 0.3472 by changing the saturation by 10% instead.


 24.1588, 0.3946,
0.3472


 24.1588, 0.3946,
0.3472


273.6223, 0.3488,
0.3384


 15.4515, 0.4079,
0.3491


 50.2892, 0.3766,
0.3442

 9.1368, 0.4262,
0.3512


 68.4811, 0.3703,
0.3430

 4.8305, 0.4529,
0.3532

 90.6032, 0.3651,
0.3420

 2.1482, 0.4949,
0.3537

 117.0401, 0.3608,
0.3411

 0.6915, 0.6259,
0.3741

148.1760, 0.3571,
0.3403

 0.0000, 1.0000,
0.0000

184.3955, 0.3539,

 0.0000, 0.0000,

0.3396

0.0000

226.0828, 0.3512,
0.3390

■ 24.1588, 0.3946,
0.3472

■ 24.1588, 0.3946,
0.3472

■ 20.5644, 0.4274,
0.3520

■ 28.3456, 0.3668,
0.3421

■ 17.5322, 0.4649,
0.3558

■ 33.1464, 0.3436,
0.3371

■ 15.0343, 0.5059,
0.3580


■ 38.5860, 0.3244,
0.3322

■ 13.0392, 0.5472,
0.3576


■ 44.6867, 0.3085,
0.3278


■ 11.5119, 0.5843,
0.3540


■ 51.4699, 0.2954,
0.3237

 10.4111, 0.6128,
0.3476

 58.9558, 0.2844,
0.3199

 10.1657, 0.6198,
0.3460

 67.1639, 0.2753,
0.3165

 76.1129, 0.2676,
0.3135

 84.9882, 0.2670,
0.3239

Harmonies

Analogous

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



24.1588, 0.3721, 0.3133



24.1588, 0.3946, 0.3472



24.1588, 0.3931, 0.3793

Triad

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



24.1588, 0.3946, 0.3472



24.1588, 0.2892, 0.3808



24.1588, 0.2563, 0.2612

Complementary

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



24.1588, 0.3946, 0.3472



32.6142, 0.2590, 0.3097

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.



24.1588, 0.2376, 0.2733



24.1588, 0.3946, 0.3472



24.1588, 0.2554, 0.3418

Square

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



24.1588, 0.3946, 0.3472



24.1588, 0.3308, 0.4030



24.1588, 0.2372, 0.3018



24.1588, 0.2904, 0.2657

Rectangle

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



24.1588, 0.3946, 0.3472



24.1588, 0.3792, 0.3955



24.1588, 0.2372, 0.3018



24.1588, 0.2481, 0.2634

Sweetspot

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



24.1600, 0.3946, 0.3472



65.0145, 0.3317, 0.3342



22.9155, 0.3307, 0.2537



14.1629, 0.3342, 0.3348



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.1600, 0.3946, 0.3472



37.6446, 0.4226, 0.3513



33.4964, 0.3773, 0.3934



8.2456, 0.3282, 0.3333



7.3460, 0.6181, 0.3474



0.2735, 0.5660, 0.3888

Inverse Universe

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



32.6142, 0.2590, 0.3097



55.0533, 0.2482, 0.3045



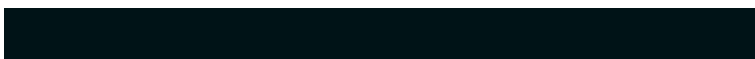
22.5327, 0.2512, 0.2546



8.8170, 0.2986, 0.3247



16.3056, 0.2083, 0.2699



0.5178, 0.2138, 0.2896

Previews

White Background



This preview shows how the Yxy color 24.1588, 0.3946, 0.3472 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 24.1588, 0.3946, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

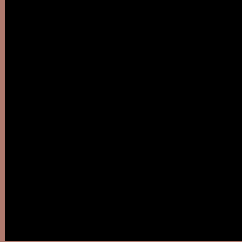
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1588, 0.3946, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 24.1588, 0.3946, 0.3472.



This preview shows how white text looks on a background with the Yxy color 24.1588, 0.3946, 0.3472.

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

24.1588, 0.3946, 0.3472

Protanopia

24.3397, 0.3412, 0.3615

Deuteranopia

24.2375, 0.3694, 0.3632



Tritanopia

24.0993, 0.3752, 0.3159

Trichromacy



Original Color

24.1588, 0.3946, 0.3472

Protanomaly

24.0502, 0.3598, 0.3554

Deuteranomaly

24.1754, 0.3795, 0.3575

Tritanomaly

24.0435, 0.3826, 0.3277

Monochromacy



Original Color

24.1588, 0.3946, 0.3472

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2489, 0.3395, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1588, 0.3946, 0.3472 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(175, 122, 110)` looks like.

```
.text, #text, p{  
    color:rgb(175, 122, 110)  
}
```

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(175, 122, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 122, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.1588, 0.3946, 0.3472 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(175, 122, 110) }
```

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

```
.border{ border-color:rgb(175, 122, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 122, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 122, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 122, 110);  
box-shadow:4px 4px 4px 4px rgb(175, 122,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1588, 0.3946, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 122, 110) }
```

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

```
.background{ background-color: rgb(175,  
122, 110) }
```

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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