

Converting Colors

$Y_{xy}(24.6993, 0.3779, 0.3733)$

Have a look what the booklet for
Yxy(24.6993, 0.3779, 0.3733)
contains.

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Color

Yxy(24.6030, 0.3772, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	9F8368
RGB	159, 131, 104
RGB Percent	62%, 51%, 41%
CMY	0.3765, 0.4863, 0.5922
CMYK	0.00, 0.18, 0.35, 0.38
HSL	29°, 22%, 52%
HSV	29°, 35%, 62%
XYZ	24.9134, 24.6030, 16.5319
YIQ	136.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

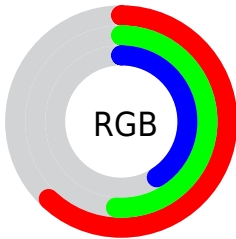
Format	Color
R_{YB}	159, 157, 104
Decimal	10453864
CIE _{Lab}	56.69, 6.68, 18.62
CIE _{LCh}	57, 19.788, 70.256
Yxy	24.6030, 0.3772, 0.3725
Android (android.graphics.Color)	4288643944 (0xFF9F8368)
YUV	136.2940, -15.9209, 19.9132
Hunter-Lab	49.6014, 2.8532, 14.9599

Details

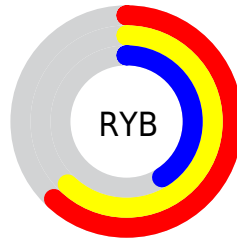
The Yxy color $24.6030, 0.3772, 0.3725$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.9486, 0.2587, 0.2809$, and the grayscale version is $24.7909, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0946, 0.3639, 0.3640$, and $9.3942, 0.3997, 0.3871$ is the 20% darker color. If you saturate the color by 10%, you get $22.2208, 0.4011, 0.3852$, and if you desaturate by 10%, it is $27.2183, 0.3556, 0.3595$.

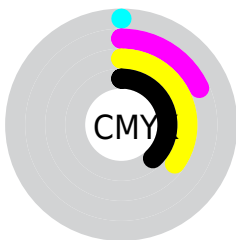
Distribution



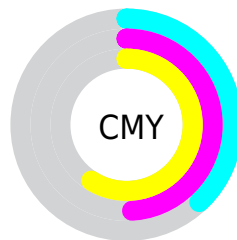
- Red (62%)
- Green (51%)
- Blue (41%)



- Red (62%)
- Yellow (62%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (38%)





- Cyan (38%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6030, 0.3772, 0.3725 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 24.6030, 0.3772, 0.3725 by changing the saturation by 10% instead.


 24.6030, 0.3772,
0.3725


 24.6030, 0.3772,
0.3725


275.8550, 0.3415,
0.3492


 15.7815, 0.3874,
0.3788


 51.0124, 0.3633,
0.3637

 9.3697, 0.4013,
0.3870


 69.3692, 0.3584,
0.3605

 4.9831, 0.4212,
0.3981

 91.6732, 0.3543,
0.3578

 2.2373, 0.4534,
0.4151

 118.3087, 0.3509,
0.3555

 0.7402, 0.5394,
0.4606

149.6603, 0.3480,
0.3536

 0.0000, 0.0000,
0.0000

186.1123, 0.3455,

0.3519

228.0491, 0.3434,
0.3505

■ 24.6030, 0.3772,
0.3725

■ 24.6030, 0.3772,
0.3725

■ 22.2208, 0.4011,
0.3852

■ 27.2183, 0.3556,
0.3595

■ 20.0610, 0.4270,
0.3969

■ 30.0701, 0.3365,
0.3466

■ 18.1170, 0.4543,
0.4064

■ 33.1662, 0.3197,
0.3344

■ 16.3803, 0.4816,
0.4127

■ 36.5129, 0.3050,
0.3229

■ 14.8418, 0.5074,
0.4145

■ 40.1161, 0.2922,
0.3122

■ 13.4910, 0.5300,
0.4110

■ 43.9817, 0.2811,
0.3023

■ 12.8289, 0.5417,
0.4081

■ 48.1152, 0.2713,
0.2933

■ 52.5220, 0.2628,
0.2850

■ 57.2074, 0.2554,
0.2774

Harmonies

Analogous

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



24.6030, 0.3797, 0.3469



24.6030, 0.3772, 0.3725



24.6030, 0.3568, 0.3884

Triad

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



24.6030, 0.3772, 0.3725



24.6030, 0.2642, 0.3370



24.6030, 0.2974, 0.2775

Complementary

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



24.6030, 0.3772, 0.3725



21.9486, 0.2587, 0.2809

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.



24.6030, 0.2684, 0.2731



24.6030, 0.3772, 0.3725



24.6030, 0.2501, 0.3052

Square

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



24.6030, 0.3772, 0.3725



24.6030, 0.2913, 0.3684



24.6030, 0.2516, 0.2824



24.6030, 0.3322, 0.2939

Rectangle

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



24.6030, 0.3772, 0.3725



24.6030, 0.3364, 0.3900



24.6030, 0.2516, 0.2824



24.6030, 0.2867, 0.2746

Sweetspot

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



24.6041, 0.3772, 0.3725



56.2373, 0.3288, 0.3412



18.9491, 0.3510, 0.2837



12.5148, 0.3311, 0.3428



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.6041, 0.3772, 0.3725



40.5298, 0.3967, 0.3830



32.8539, 0.3639, 0.4117



7.1569, 0.3273, 0.3400



10.2156, 0.5403, 0.4092



0.2672, 0.4827, 0.4549

Inverse Universe

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



21.9486, 0.2587, 0.2809



34.9983, 0.2458, 0.2672



15.5323, 0.2522, 0.2303



6.9654, 0.2988, 0.3177



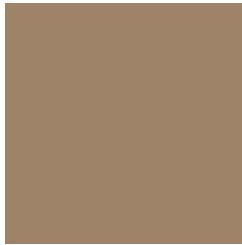
6.7019, 0.1789, 0.1642



0.2044, 0.1985, 0.2347

Previews

White Background



This preview shows how the Yxy color 24.6030, 0.3772, 0.3725 looks on a white background.

Color Contrast Check

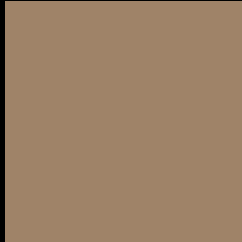
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6030, 0.3772, 0.3725 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 24.6030, 0.3772, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 24.6030, 0.3772, 0.3725.



This preview shows how white text looks on a background with the Yxy color 24.6030, 0.3772, 0.3725.

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

24.6030, 0.3772, 0.3725

Protanopia

24.6687, 0.3555, 0.3799

Deuteranopia

24.7057, 0.3784, 0.3723



Tritanopia

24.6377, 0.3444, 0.3151

Trichromacy



Original Color

24.6030, 0.3772, 0.3725

Protanomaly

24.5541, 0.3635, 0.3774

Deuteranomaly

24.7057, 0.3784, 0.3723

Tritanomaly

24.4706, 0.3572, 0.3355

Monochromacy



Original Color

24.6030, 0.3772, 0.3725

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.4347, 0.3350, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6030, 0.3772, 0.3725 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(159, 131, 104)` looks like.

```
.text, #text, p{  
    color:rgb(159, 131, 104)  
}
```

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(159, 131, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 131, 104) }
```

Border

The CSS property to change the border of an element to Yxy 24.6030, 0.3772, 0.3725 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(159, 131, 104) }
```

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

```
.border{ border-color:rgb(159, 131, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 131, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 131, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 131, 104);  
box-shadow:4px 4px 4px 4px rgb(159, 131,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6030, 0.3772, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 131, 104) }
```

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

```
.background{ background-color: rgb(159,  
131, 104) }
```

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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