

Converting Colors

$Y_{xy}(25.0645, 0.3771, 0.3645)$

Have a look what the booklet for
Yxy(25.0645, 0.3771, 0.3645)
contains.

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Color

Yxy(25.1018, 0.3774, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	A3836C
RGB	163, 131, 108
RGB Percent	64%, 51%, 42%
CMY	0.3608, 0.4862, 0.5764
CMYK	0.00, 0.20, 0.34, 0.36
HSL	25°, 23%, 53%
HSV	25°, 34%, 64%
XYZ	25.9262, 25.1018, 17.6688
YIQ	137.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

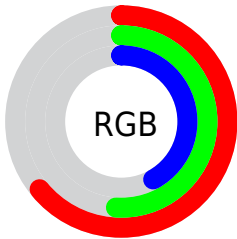
Format	Color
R _Y B	163, 148, 108
Decimal	10716012
CIE Lab	57.17, 8.86, 17.07
CIE LCh	57, 19.236, 62.574
Yxy	25.1018, 0.3774, 0.3654
Android (android.graphics.Color)	4288906092 (0xFFA3836C)
YUV	137.9460, -14.7634, 21.9724
Hunter-Lab	50.1017, 4.6906, 14.1620

Details

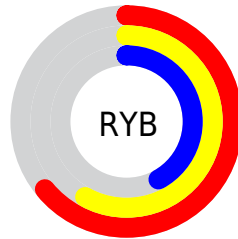
The Yxy color $25.1018, 0.3774, 0.3654$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $24.5871, 0.2609, 0.2893$, and the grayscale version is $25.4443, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8791, 0.3633, 0.3576$, and $9.6758, 0.4018, 0.3788$ is the 20% darker color. If you saturate the color by 10%, you get $22.3560, 0.4028, 0.3764$, and if you desaturate by 10%, it is $28.1479, 0.3549, 0.3542$.

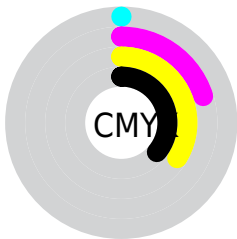
Distribution



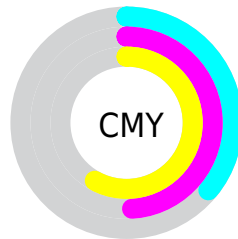
- Red (64%)
- Green (51%)
- Blue (42%)



- Red (64%)
- Yellow (58%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (36%)





- Cyan (36%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1018, 0.3774, 0.3654 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 25.1018, 0.3774, 0.3654 by changing the saturation by 10% instead.


 25.1018, 0.3774,
0.3654


 25.1018, 0.3774,
0.3654


278.3445, 0.3416,
0.3461


 16.1529, 0.3876,
0.3705


 51.8223, 0.3635,
0.3582

 9.6324, 0.4016,
0.3771


 70.3628, 0.3585,
0.3555

 5.1559, 0.4218,
0.3859

 92.8692, 0.3544,
0.3533

 2.3390, 0.4530,
0.3979

 119.7259, 0.3510,
0.3514

 0.7943, 0.5518,
0.4482

151.3174, 0.3481,
0.3498

 0.0000, 0.0000,
0.0000

188.0281, 0.3456,

0.3484

230.2424, 0.3435,
0.3472

■ 25.1018, 0.3774,
0.3654

■ 25.1018, 0.3774,
0.3654

■ 22.3560, 0.4028,
0.3764

■ 28.1479, 0.3549,
0.3542

■ 19.8973, 0.4309,
0.3865

■ 31.5001, 0.3354,
0.3432

■ 17.7162, 0.4611,
0.3946

■ 35.1686, 0.3184,
0.3327

■ 15.8015, 0.4919,
0.3995


■ 39.1617, 0.3038,
0.3230


■ 14.1411, 0.5216,
0.4001

■ 43.4877, 0.2912,
0.3139

 12.7212, 0.5478,
0.3956

 48.1544, 0.2804,
0.3056

 11.9409, 0.5629,
0.3912

 53.1693, 0.2710,
0.2980

 58.5397, 0.2629,
0.2911

 64.2728, 0.2558,
0.2847

Harmonies

Analogous

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



25.1018, 0.3749, 0.3394



25.1018, 0.3774, 0.3654



25.1018, 0.3617, 0.3837

Triad

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



25.1018, 0.3774, 0.3654



25.1018, 0.2716, 0.3450



25.1018, 0.2899, 0.2769

Complementary

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



25.1018, 0.3774, 0.3654



24.5871, 0.2609, 0.2893

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.



25.1018, 0.2644, 0.2759



25.1018, 0.3774, 0.3654



25.1018, 0.2543, 0.3134

Square

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



25.1018, 0.3774, 0.3654



25.1018, 0.3002, 0.3732



25.1018, 0.2518, 0.2885



25.1018, 0.3229, 0.2900

Rectangle

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



25.1018, 0.3774, 0.3654



25.1018, 0.3437, 0.3882



25.1018, 0.2518, 0.2885



25.1018, 0.2803, 0.2751

Sweetspot

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



25.1030, 0.3774, 0.3654



58.6865, 0.3291, 0.3394



20.4088, 0.3450, 0.2793



12.9869, 0.3314, 0.3408



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.1030, 0.3774, 0.3654



41.4594, 0.3949, 0.3732



33.4616, 0.3643, 0.4050



7.5501, 0.3275, 0.3384



9.3674, 0.5613, 0.3925



0.2892, 0.4999, 0.4413

Inverse Universe

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



24.5871, 0.2609, 0.2893



40.3914, 0.2503, 0.2795



17.5524, 0.2547, 0.2396



7.5122, 0.2987, 0.3194



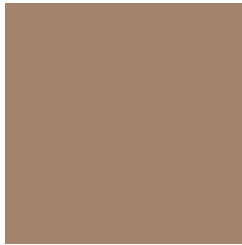
8.4821, 0.1857, 0.1887



0.2686, 0.2015, 0.2452

Previews

White Background



This preview shows how the Yxy color 25.1018, 0.3774, 0.3654 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 25.1018, 0.3774, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

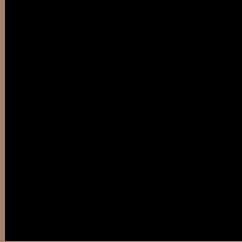
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1018, 0.3774, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 25.1018, 0.3774, 0.3654.



This preview shows how white text looks on a background with the Yxy color 25.1018, 0.3774, 0.3654.

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

25.1018, 0.3774, 0.3654

Protanopia

25.1500, 0.3508, 0.3728

Deuteranopia

25.1623, 0.3745, 0.3673



Tritanopia

25.0919, 0.3480, 0.3138

Trichromacy



Original Color

25.1018, 0.3774, 0.3654

Protanomaly

25.1291, 0.3599, 0.3702

Deuteranomaly

25.2666, 0.3757, 0.3671

Tritanomaly

24.9440, 0.3597, 0.3322

Monochromacy



Original Color

25.1018, 0.3774, 0.3654

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0633, 0.3350, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1018, 0.3774, 0.3654 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(163, 131, 108)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 108)  
}
```

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(163, 131, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.1018, 0.3774, 0.3654 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(163, 131, 108) }
```

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

```
.border{ border-color:rgb(163, 131, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 108);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1018, 0.3774, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 108) }
```

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

```
.background{ background-color: rgb(163,  
131, 108) }
```

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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