

Converting Colors

$Yxy(24.6599, 0.3789, 0.3632)$

Have a look what the booklet for
Yxy(24.6599, 0.3789, 0.3632)
contains.

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Color

Yxy(24.5698, 0.3784, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	A3816C
RGB	163, 129, 108
RGB Percent	64%, 51%, 42%
CMY	0.3608, 0.4941, 0.5764
CMYK	0.00, 0.21, 0.34, 0.36
HSL	23°, 23%, 53%
HSV	23°, 34%, 64%
XYZ	25.6616, 24.5698, 17.5847
YIQ	136.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

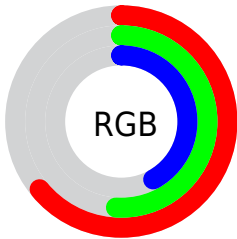
Format	Color
R_{YB}	163, 142, 108
Decimal	10715500
CIE Lab	56.65, 10.00, 16.35
CIE LCh	57, 19.164, 58.555
Yxy	24.5698, 0.3784, 0.3623
Android (android.graphics.Color)	4288905580 (0xFFA3816C)
YUV	136.7720, -14.1846, 23.0020
Hunter-Lab	49.5679, 5.6667, 13.6638

Details

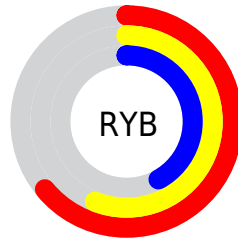
The Yxy color $24.5698, 0.3784, 0.3623$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $25.1855, 0.2614, 0.2929$, and the grayscale version is $24.9737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0540, 0.3639, 0.3553$, and $9.3786, 0.4039, 0.3745$ is the 20% darker color. If you saturate the color by 10%, you get $21.7298, 0.4046, 0.3724$, and if you desaturate by 10%, it is $27.7390, 0.3554, 0.3520$.

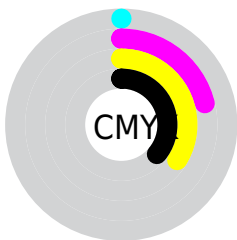
Distribution



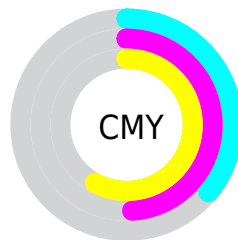
- Red (64%)
- Green (51%)
- Blue (42%)



- Red (64%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (36%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5698, 0.3784, 0.3623 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 24.5698, 0.3784, 0.3623 by changing the saturation by 10% instead.

 24.5698, 0.3784,
0.3623


 24.5698, 0.3784,
0.3623


275.6887, 0.3419,
0.3447


 15.7568, 0.3889,
0.3669


 50.9584, 0.3641,
0.3557

 9.3522, 0.4033,
0.3729


 69.3029, 0.3591,
0.3533

 4.9716, 0.4242,
0.3808

 91.5934, 0.3549,
0.3513

 2.2306, 0.4570,
0.3914

 118.2141, 0.3515,
0.3496

 0.7366, 0.5628,
0.4372

149.5497, 0.3485,
0.3481

 0.0000, 0.0000,
0.0000

185.9843, 0.3460,

0.3468

227.9025, 0.3438,
0.3457

■ 24.5698, 0.3784,
0.3623

■ 24.5698, 0.3784,
0.3623

■ 21.7298, 0.4046,
0.3724

■ 27.7390, 0.3554,
0.3520

■ 19.2043, 0.4339,
0.3815

■ 31.2444, 0.3355,
0.3420

■ 16.9826, 0.4656,
0.3888

■ 35.0974, 0.3184,
0.3324

■ 15.0520, 0.4982,
0.3930


■ 39.3075, 0.3038,
0.3235


■ 13.3986, 0.5296,
0.3929


■ 43.8840, 0.2913,
0.3152


 12.0069, 0.5573,
0.3877

 48.8357, 0.2805,
0.3077

 11.2533, 0.5732,
0.3831

 54.1712, 0.2713,
0.3008

 59.8988, 0.2633,
0.2945

 66.0264, 0.2564,
0.2887

Harmonies

Analogous

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



24.5698, 0.3733, 0.3357



24.5698, 0.3784, 0.3623



24.5698, 0.3649, 0.3822

Triad

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



24.5698, 0.3784, 0.3623



24.5698, 0.2747, 0.3493



24.5698, 0.2858, 0.2758

Complementary

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



24.5698, 0.3784, 0.3623



25.1855, 0.2614, 0.2929

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.



24.5698, 0.2617, 0.2766



24.5698, 0.3784, 0.3623



24.5698, 0.2556, 0.3174

Square

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



24.5698, 0.3784, 0.3623



24.5698, 0.3045, 0.3763



24.5698, 0.2510, 0.2911



24.5698, 0.3183, 0.2875

Rectangle

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



24.5698, 0.3784, 0.3623



24.5698, 0.3478, 0.3881



24.5698, 0.2510, 0.2911



24.5698, 0.2765, 0.2746

Sweetspot

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



24.5709, 0.3784, 0.3623



58.3296, 0.3292, 0.3385



20.4953, 0.3414, 0.2753



12.8972, 0.3315, 0.3398



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.



24.5709, 0.3784, 0.3623



40.3761, 0.3965, 0.3694



32.5342, 0.3656, 0.4012



7.5084, 0.3276, 0.3376



8.8287, 0.5715, 0.3844



0.2750, 0.5074, 0.4353

Inverse Universe

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



25.1855, 0.2614, 0.2929



41.6245, 0.2510, 0.2840



18.1770, 0.2553, 0.2446



7.5549, 0.2987, 0.3202



9.3475, 0.1893, 0.2014



0.2834, 0.2036, 0.2530

Previews

White Background



This preview shows how the Yxy color 24.5698, 0.3784, 0.3623 looks on a white background.

Color Contrast Check

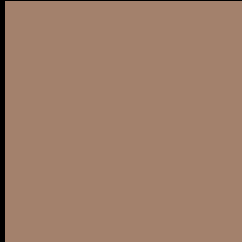
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5698, 0.3784, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

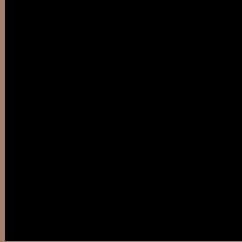
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5698, 0.3784, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 24.5698, 0.3784, 0.3623.



This preview shows how white text looks on a background with the Yxy color 24.5698, 0.3784, 0.3623.

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

24.5698, 0.3784, 0.3623

Protanopia

24.6853, 0.3488, 0.3715

Deuteranopia

24.6862, 0.3725, 0.3661



Tritanopia

24.5235, 0.3510, 0.3137

Trichromacy



Original Color

24.5698, 0.3784, 0.3623

Protanomaly

24.4802, 0.3595, 0.3672

Deuteranomaly

24.5216, 0.3742, 0.3644

Tritanomaly

24.4017, 0.3616, 0.3307

Monochromacy



Original Color

24.5698, 0.3784, 0.3623

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.6675, 0.3352, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5698, 0.3784, 0.3623 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, 129, 108)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 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, 129, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 108) }
```

Border

The CSS property to change the border of an element to Yxy 24.5698, 0.3784, 0.3623 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, 129, 108) }
```

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

```
.border{ border-color:rgb(163, 129, 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, 129, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 108);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5698, 0.3784, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 108) }
```

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

```
.background{ background-color: rgb(163,  
129, 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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