

Converting Colors

$Y_{xy}(22.8432, 0.3685, 0.3589)$

Have a look what the booklet for
Yxy(22.8432, 0.3685, 0.3589)
contains.

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Color

Yxy(22.8744, 0.3686, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	9A7E6C
RGB	154, 126, 108
RGB Percent	60%, 49%, 42%
CMY	0.3961, 0.5059, 0.5764
CMYK	0.00, 0.18, 0.30, 0.40
HSL	23°, 19%, 51%
HSV	23°, 30%, 60%
XYZ	23.4926, 22.8744, 17.3677
YIQ	132.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

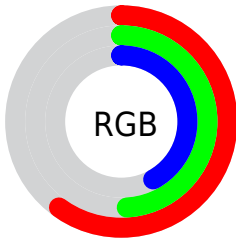
Format	Color
RYB	154, 138, 108
Decimal	10124908
CIELab	54.94, 8.00, 13.85
CIElCh	55, 15.994, 59.991
Yxy	22.8744, 0.3686, 0.3589
Android (android.graphics.Color)	4288314988 (0xFF9A7E6C)
YUV	132.3200, -11.9898, 19.0134
Hunter-Lab	47.8272, 3.9813, 11.9488

Details

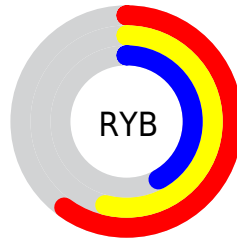
The Yxy color $22.8744, 0.3686, 0.3589$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $23.1276, 0.2673, 0.2970$, and the grayscale version is $23.2344, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.2987, 0.3565, 0.3538$, and $8.4695, 0.3899, 0.3679$ is the 20% darker color. If you saturate the color by 10%, you get $20.2903, 0.3932, 0.3693$, and if you desaturate by 10%, it is $25.7431, 0.3471, 0.3485$.

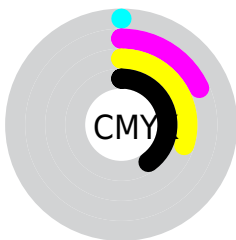
Distribution



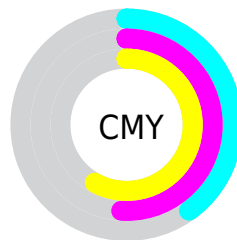
- Red (60%)
- Green (49%)
- Blue (42%)



- Red (60%)
- Yellow (54%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.8744, 0.3686, 0.3589 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 22.8744, 0.3686, 0.3589 by changing the saturation by 10% instead.


 22.8744, 0.3686,
0.3589


 22.8744, 0.3686,
0.3589


267.0792, 0.3372,
0.3428


 14.5008, 0.3778,
0.3633


 48.1870, 0.3562,
0.3527


 8.4698, 0.3906,
0.3692


 65.8948, 0.3519,
0.3505

 4.3970, 0.4095,
0.3772

 87.4828, 0.3483,
0.3487

 1.8980, 0.4403,
0.3890

 113.3353, 0.3453,
0.3471

 0.5472, 0.5666,
0.4334

143.8369, 0.3428,
0.3458

 0.0000, 0.0000,
0.0000

179.3718, 0.3407,

0.3446

220.3244, 0.3388,
0.3436

■ 22.8744, 0.3686,
0.3589

■ 22.8744, 0.3686,
0.3589

■ 20.2903, 0.3932,
0.3693

■ 25.7431, 0.3471,
0.3485

■ 17.9784, 0.4209,
0.3792

■ 28.9019, 0.3285,
0.3384

■ 15.9301, 0.4512,
0.3875

■ 32.3603, 0.3125,
0.3289

■ 14.1349, 0.4830,
0.3933

■ 36.1261, 0.2988,
0.3200

■ 12.5816, 0.5147,
0.3954

■ 40.2070, 0.2870,
0.3119

■ 11.2578, 0.5437,
0.3926

■ 44.6104, 0.2769,
0.3044

■ 10.1439, 0.5693,
0.3860

■ 49.3435, 0.2681,
0.2976

■ 10.1291, 0.5697,
0.3859

■ 54.4130, 0.2605,
0.2914

■ 59.8257, 0.2539,
0.2857

Harmonies

Analogous

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



22.8744, 0.3650, 0.3362



22.8744, 0.3686, 0.3589



22.8744, 0.3566, 0.3751

Triad

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



22.8744, 0.3686, 0.3589



22.8744, 0.2792, 0.3451



22.8744, 0.2910, 0.2833

Complementary

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



22.8744, 0.3686, 0.3589



23.1276, 0.2673, 0.2970

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.



22.8744, 0.2697, 0.2837



22.8744, 0.3686, 0.3589



22.8744, 0.2631, 0.3181

Square

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



22.8744, 0.3686, 0.3589



22.8744, 0.3045, 0.3682



22.8744, 0.2597, 0.2959



22.8744, 0.3191, 0.2939

Rectangle

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



22.8744, 0.3686, 0.3589



22.8744, 0.3417, 0.3795



22.8744, 0.2597, 0.2959



22.8744, 0.2828, 0.2822

Sweetspot

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



22.8755, 0.3686, 0.3589



52.9196, 0.3273, 0.3377



19.3845, 0.3381, 0.2830



11.7917, 0.3297, 0.3391



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



22.8755, 0.3686, 0.3589



38.2835, 0.3852, 0.3661



29.3275, 0.3587, 0.3937



6.5995, 0.3274, 0.3378



8.3198, 0.5683, 0.3870



0.1920, 0.4986, 0.4423

Inverse Universe

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



23.1276, 0.2673, 0.2970



38.8112, 0.2570, 0.2883



17.4161, 0.2628, 0.2548



6.6203, 0.2989, 0.3201



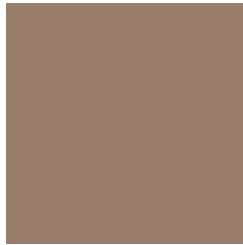
8.4536, 0.1885, 0.1984



0.1969, 0.2058, 0.2610

Previews

White Background



This preview shows how the Yxy color 22.8744, 0.3686, 0.3589 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 22.8744, 0.3686, 0.3589 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 22.8744, 0.3686, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 22.8744, 0.3686, 0.3589.



This preview shows how white text looks on a background with the Yxy color 22.8744, 0.3686, 0.3589.

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

22.8744, 0.3686, 0.3589

Protanopia

22.8693, 0.3444, 0.3641

Deuteranopia

23.0338, 0.3669, 0.3607



Tritanopia

23.0000, 0.3441, 0.3147

Trichromacy



Original Color

22.8744, 0.3686, 0.3589

Protanomaly

22.7556, 0.3524, 0.3618

Deuteranomaly

23.0338, 0.3669, 0.3607

Tritanomaly

22.9133, 0.3536, 0.3307

Monochromacy



Original Color

22.8744, 0.3686, 0.3589

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.9708, 0.3323, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8744, 0.3686, 0.3589 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(154, 126, 108)` looks like.

```
.text, #text, p{  
    color:rgb(154, 126, 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(154, 126, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 126, 108) }
```

Border

The CSS property to change the border of an element to Yxy 22.8744, 0.3686, 0.3589 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(154, 126, 108) }
```

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

```
.border{ border-color:rgb(154, 126, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 126, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 126, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 126, 108);  
box-shadow:4px 4px 4px 4px rgb(154, 126,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8744, 0.3686, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 126, 108) }
```

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

```
.background{ background-color: rgb(154,  
126, 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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