

Converting Colors

$Y_{xy}(22.3622, 0.3661, 0.3654)$

Have a look what the booklet for
Yxy(22.3622, 0.3661, 0.3654)
contains.

Yxy(22.3312, 0.3659, 0.3647)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.3312, 0.3659, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	957E69
RGB	149, 126, 105
RGB Percent	58%, 49%, 41%
CMY	0.4157, 0.5059, 0.5882
CMYK	0.00, 0.15, 0.30, 0.42
HSL	29°, 17%, 50%
HSV	29°, 30%, 58%
XYZ	22.4047, 22.3312, 16.4958
YIQ	130.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

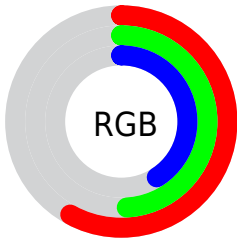
Format	Color
R_{YB}	149, 145, 105
Decimal	9797225
CIE _{Lab}	54.38, 5.52, 14.72
CIE _{LCh}	54, 15.720, 69.450
Yxy	22.3312, 0.3659, 0.3647
Android (android.graphics.Color)	4287987305 (0xFF957E69)
YUV	130.4830, -12.5631, 16.2394
Hunter-Lab	47.2559, 1.9315, 12.3825

Details

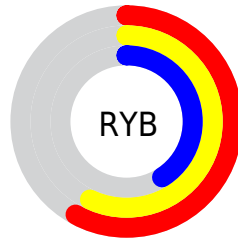
The Yxy color $22.3312, 0.3659, 0.3647$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $20.6112, 0.2672, 0.2903$, and the grayscale version is $22.5438, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.4779, 0.3545, 0.3579$, and $8.1546, 0.3858, 0.3768$ is the 20% darker color. If you saturate the color by 10%, you get $20.1374, 0.3887, 0.3773$, and if you desaturate by 10%, it is $24.7358, 0.3456, 0.3521$.

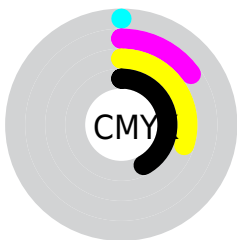
Distribution



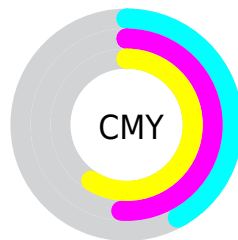
- Red (58%)
- Green (49%)
- Blue (41%)



- Red (58%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (42%)





- Cyan (42%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3312, 0.3659, 0.3647 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 22.3312, 0.3659, 0.3647 by changing the saturation by 10% instead.


 22.3312, 0.3659,
0.3647

 22.3312, 0.3659,
0.3647


264.2710, 0.3360,
0.3451


 14.1005, 0.3747,
0.3702


 47.2928, 0.3541,
0.3572


 8.1906, 0.3869,
0.3776


 64.7924, 0.3500,
0.3545

 4.2171, 0.4049,
0.3879

 86.1505, 0.3466,
0.3522

 1.7958, 0.4359,
0.4052

 111.7514, 0.3437,
0.3503

 0.4845, 0.5513,
0.4487

141.9795, 0.3413,
0.3488

 0.0000, 0.0000,
0.0000

177.2192, 0.3393,

0.3474

217.8549, 0.3375,
0.3462

■ 22.3312, 0.3659,
0.3647

■ 22.3312, 0.3659,
0.3647

■ 20.1374, 0.3887,
0.3773

■ 24.7358, 0.3456,
0.3521

■ 18.1450, 0.4139,
0.3892

■ 27.3541, 0.3277,
0.3400

■ 16.3484, 0.4408,
0.3997

■ 30.1928, 0.3120,
0.3285

■ 14.7403, 0.4687,
0.4075

■ 33.2574, 0.2984,
0.3177

■ 13.3131, 0.4961,
0.4116

■ 36.5533, 0.2865,
0.3078

■ 12.0581, 0.5212,
0.4108

■ 40.0854, 0.2762,
0.2987

■ 10.9604, 0.5437,
0.4059

■ 43.8587, 0.2672,
0.2903

■ 10.9113, 0.5448,
0.4056

■ 47.8778, 0.2593,
0.2826

■ 52.1476, 0.2524,
0.2756

Harmonies

Analogous

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



22.3312, 0.3673, 0.3436



22.3312, 0.3659, 0.3647



22.3312, 0.3497, 0.3775

Triad

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



22.3312, 0.3659, 0.3647



22.3312, 0.2732, 0.3365



22.3312, 0.2995, 0.2860

Complementary

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



22.3312, 0.3659, 0.3647



20.6112, 0.2672, 0.2903

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.



22.3312, 0.2757, 0.2827



22.3312, 0.3659, 0.3647



22.3312, 0.2610, 0.3104

Square

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



22.3312, 0.3659, 0.3647



22.3312, 0.2960, 0.3616



22.3312, 0.2619, 0.2912



22.3312, 0.3281, 0.2994

Rectangle

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



22.3312, 0.3659, 0.3647



22.3312, 0.3332, 0.3788



22.3312, 0.2619, 0.2912



22.3312, 0.2907, 0.2836

Sweetspot

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



22.3322, 0.3659, 0.3647



49.1575, 0.3271, 0.3396



18.0646, 0.3426, 0.2896



10.7502, 0.3293, 0.3412



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



22.3322, 0.3659, 0.3647



37.5214, 0.3797, 0.3725



28.4415, 0.3565, 0.3983



6.2448, 0.3271, 0.3396



9.2429, 0.5437, 0.4065



0.1715, 0.4806, 0.4566

Inverse Universe

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



20.6112, 0.2672, 0.2903



33.9566, 0.2575, 0.2808



15.5795, 0.2628, 0.2489



6.1044, 0.2989, 0.3182



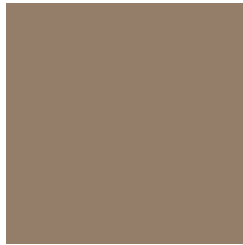
6.4569, 0.1804, 0.1692



0.1381, 0.2012, 0.2442

Previews

White Background



This preview shows how the Yxy color 22.3312, 0.3659, 0.3647 looks on a white background.

Color Contrast Check

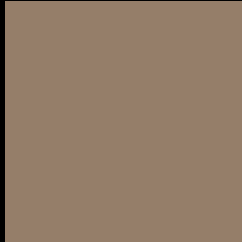
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3312, 0.3659, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

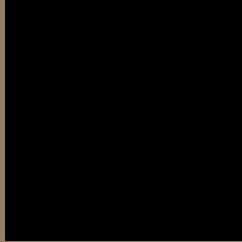
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3312, 0.3659, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 22.3312, 0.3659, 0.3647.



This preview shows how white text looks on a background with the Yxy color 22.3312, 0.3659, 0.3647.

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

22.3312, 0.3659, 0.3647

Protanopia

22.4301, 0.3481, 0.3697

Deuteranopia

22.2665, 0.3689, 0.3628



Tritanopia

22.2604, 0.3381, 0.3127

Trichromacy



Original Color

22.3312, 0.3659, 0.3647

Protanomaly

22.4919, 0.3546, 0.3691

Deuteranomaly

22.1712, 0.3677, 0.3629

Tritanomaly

22.1504, 0.3488, 0.3308

Monochromacy



Original Color

22.3312, 0.3659, 0.3647

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.3994, 0.3311, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3312, 0.3659, 0.3647 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(149, 126, 105)` looks like.

```
.text, #text, p{  
    color:rgb(149, 126, 105)  
}
```

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(149, 126, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 126, 105) }
```

Border

The CSS property to change the border of an element to Yxy 22.3312, 0.3659, 0.3647 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(149, 126, 105) }
```

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

```
.border{ border-color:rgb(149, 126, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 126, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 126, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 126, 105);  
box-shadow:4px 4px 4px 4px rgb(149, 126,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3312, 0.3659, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 126, 105) }
```

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

```
.background{ background-color: rgb(149,  
126, 105) }
```

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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