

Converting Colors

$Y_{xy}(22.6265, 0.3946, 0.3557)$

Have a look what the booklet for
Yxy(22.6265, 0.3946, 0.3557)
contains.

Yxy(22.6277, 0.3946, 0.3558)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.6277, 0.3946, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	A77867
RGB	167, 120, 103
RGB Percent	65%, 47%, 40%
CMY	0.3452, 0.5293, 0.5961
CMYK	0.00, 0.28, 0.38, 0.35
HSL	16°, 27%, 53%
HSV	16°, 38%, 65%
XYZ	25.0953, 22.6277, 15.8737
YIQ	132.1150, 33.4690, 4.6770

Conversions

Conversions Part 2

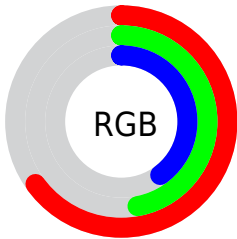
Format	Color
R_{YB}	167, 126, 103
Decimal	10975335
CIE _{Lab}	54.69, 16.08, 16.61
CIE _{LCh}	55, 23.121, 45.931
Yxy	22.6277, 0.3946, 0.3558
Android (android.graphics.Color)	4289165415 (0xFFA77867)
YUV	132.1150, -14.3537, 30.5941
Hunter-Lab	47.5686, 10.9243, 13.5128

Details

The Yxy color $22.6277, 0.3946, 0.3558$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.4636, 0.2563, 0.3000$, and the grayscale version is $23.1617, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.5261, 0.3762, 0.3505$, and $8.3027, 0.4268, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $19.5649, 0.4255, 0.3626$, and if you desaturate by 10%, it is $26.1368, 0.3679, 0.3486$.

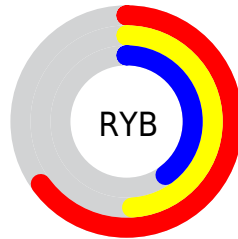
Distribution



Red (65%)

Green (47%)

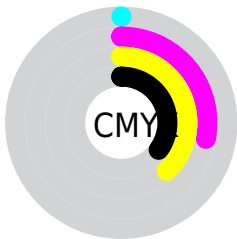
Blue (40%)



Red (65%)

Yellow (49%)

Blue (40%)

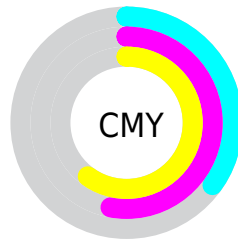


Cyan (0%)

Magenta (28%)

Yellow (38%)

Black (35%)



Cyan (35%)


Magenta (53%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6277, 0.3946, 0.3558 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 22.6277, 0.3946, 0.3558 by changing the saturation by 10% instead.


 22.6277, 0.3946,
0.3558


 22.6277, 0.3946,
0.3558


265.8070, 0.3484,
0.3421

 14.3188, 0.4082,
0.3591

 47.7813, 0.3764,
0.3509


 8.3428, 0.4270,
0.3630


 65.3948, 0.3700,
0.3490

 4.3150, 0.4545,
0.3676

 86.8787, 0.3647,
0.3474

 1.8513, 0.5023,
0.3745

 112.6173, 0.3604,
0.3461

 0.5189, 0.6308,
0.3692

142.9950, 0.3567,
0.3449

 0.0000, 0.0000,
0.0000

178.3963, 0.3535,

0.3439

219.2055, 0.3508,
0.3430

■ 22.6277, 0.3946,
0.3558

■ 22.6277, 0.3946,
0.3558

■ 19.5649, 0.4255,
0.3626

■ 26.1368, 0.3679,
0.3486

■ 16.9268, 0.4603,
0.3682

■ 30.1060, 0.3453,
0.3413

■ 14.6951, 0.4979,
0.3717


■ 34.5526, 0.3262,
0.3344


■ 12.8486, 0.5357,
0.3720


■ 39.4919, 0.3102,
0.3279


■ 11.3641, 0.5702,
0.3681


■ 44.9387, 0.2968,
0.3220

 10.2120, 0.5984,
0.3607

 50.9070, 0.2855,
0.3165

 10.0468, 0.6029,
0.3595

 57.4103, 0.2759,
0.3115

 64.4616, 0.2678,
0.3070

 72.0735, 0.2609,
0.3029

Harmonies

Analogous

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



22.6277, 0.3786, 0.3224



22.6277, 0.3946, 0.3558



22.6277, 0.3868, 0.3853

Triad

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



22.6277, 0.3946, 0.3558



22.6277, 0.2798, 0.3703



22.6277, 0.2653, 0.2624

Complementary

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



22.6277, 0.3946, 0.3558



27.4636, 0.2563, 0.3000

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.



22.6277, 0.2425, 0.2698



22.6277, 0.3946, 0.3558



22.6277, 0.2503, 0.3306

Square

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



22.6277, 0.3946, 0.3558



22.6277, 0.3193, 0.3975



22.6277, 0.2372, 0.2937



22.6277, 0.3017, 0.2707

Rectangle

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



22.6277, 0.3946, 0.3558



22.6277, 0.3699, 0.3984



22.6277, 0.2372, 0.2937



22.6277, 0.2559, 0.2630

Sweetspot

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



22.6288, 0.3946, 0.3558



59.5237, 0.3314, 0.3364



20.1436, 0.3368, 0.2574



13.0858, 0.3338, 0.3373



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



22.6288, 0.3946, 0.3558



35.8207, 0.4207, 0.3617



31.3151, 0.3771, 0.4011



7.8551, 0.3279, 0.3351



7.7622, 0.6012, 0.3608



0.2708, 0.5388, 0.4104

Inverse Universe

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



27.4636, 0.2563, 0.3000



45.6986, 0.2450, 0.2924



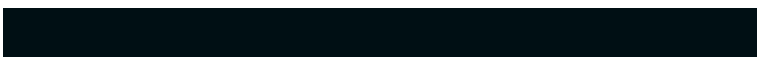
18.8614, 0.2482, 0.2443



8.1891, 0.2987, 0.3229



12.9716, 0.2005, 0.2418



0.3927, 0.2094, 0.2739

Previews

White Background



This preview shows how the Yxy color 22.6277, 0.3946, 0.3558 looks on a white background.

Color Contrast Check

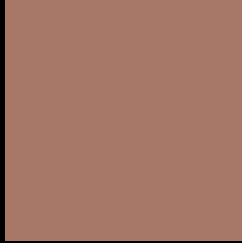
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6277, 0.3946, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

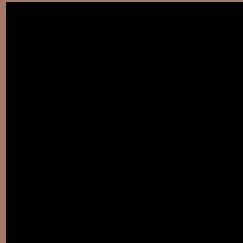
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6277, 0.3946, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 22.6277, 0.3946, 0.3558.



This preview shows how white text looks on a background with the Yxy color 22.6277, 0.3946, 0.3558.

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

22.6277, 0.3946, 0.3558

Protanopia

22.8043, 0.3478, 0.3694

Deuteranopia

22.7510, 0.3759, 0.3689



Tritanopia

22.6640, 0.3686, 0.3153

Trichromacy



Original Color

22.6277, 0.3946, 0.3558

Protanomaly

22.6089, 0.3643, 0.3646

Deuteranomaly

22.7455, 0.3834, 0.3648

Tritanomaly

22.5897, 0.3774, 0.3292

Monochromacy



Original Color

22.6277, 0.3946, 0.3558

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.8386, 0.3411, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6277, 0.3946, 0.3558 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(167, 120, 103)` looks like.

```
.text, #text, p{  
    color:rgb(167, 120, 103)  
}
```

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(167, 120, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 120, 103) }
```

Border

The CSS property to change the border of an element to Yxy 22.6277, 0.3946, 0.3558 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(167, 120, 103) }
```

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

```
.border{ border-color:rgb(167, 120, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 120, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 120, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 120, 103);  
box-shadow:4px 4px 4px 4px rgb(167, 120,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6277, 0.3946, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 120, 103) }
```

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

```
.background{ background-color: rgb(167,  
120, 103) }
```

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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