

Converting Colors

$Y_{xy}(25.4235, 0.3890, 0.3715)$

Have a look what the booklet for
Yxy(25.4235, 0.3890, 0.3715)
contains.

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Color

Yxy(25.5367, 0.3894, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	A88367
RGB	168, 131, 103
RGB Percent	66%, 51%, 40%
CMY	0.3411, 0.4863, 0.5960
CMYK	0.00, 0.22, 0.39, 0.34
HSL	26°, 27%, 53%
HSV	26°, 39%, 66%
XYZ	26.7168, 25.5367, 16.3567
YIQ	138.8710, 31.0400, -0.8640

Conversions

Conversions Part 2

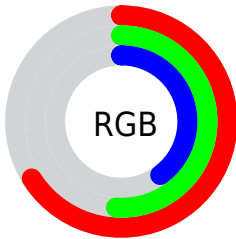
Format	Color
R_{YB}	168, 152, 103
Decimal	11043687
CIE _{Lab}	57.59, 10.31, 20.57
CIE _{LCh}	58, 23.009, 63.373
Yxy	25.5367, 0.3894, 0.3722
Android (android.graphics.Color)	4289233767 (0xFFA88367)
YUV	138.8710, -17.6844, 25.5461
Hunter-Lab	50.5339, 5.9371, 16.1829

Details

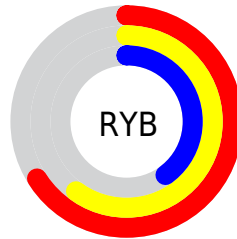
The Yxy color **25.5367, 0.3894, 0.3722** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.4807, 0.2530, 0.2809**, and the grayscale version is **25.8284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4614, 0.3729, 0.3642**, and **9.8975, 0.4159, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **22.7806, 0.4160, 0.3832**, and if you desaturate by 10%, it is **28.6005, 0.3656, 0.3607**.

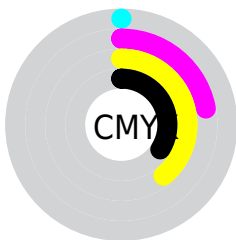
Distribution



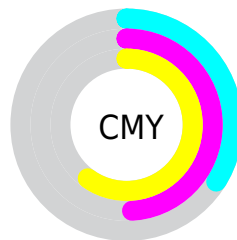
- Red (66%)
- Green (51%)
- Blue (40%)



- Red (66%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5367, 0.3894, 0.3722 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 25.5367, 0.3894, 0.3722 by changing the saturation by 10% instead.


 25.5367, 0.3894,
0.3722


 25.5367, 0.3894,
0.3722


280.5003, 0.3471,
0.3496

 16.4774, 0.4013,
0.3780


 52.5266, 0.3730,
0.3638


 9.8626, 0.4175,
0.3853


 71.2259, 0.3672,
0.3607

 5.3079, 0.4405,
0.3948

 93.9074, 0.3623,
0.3581

 2.4290, 0.4770,
0.4083

 120.9553, 0.3583,
0.3559

 0.8408, 0.5597,
0.4403

152.7542, 0.3549,
0.3540

 0.0000, 0.0000,
0.0000

189.6884, 0.3519,

0.3523

232.1423, 0.3493,
0.3509

■ 25.5367, 0.3894,
0.3722

■ 25.5367, 0.3894,
0.3722

■ 22.7806, 0.4160,
0.3832

■ 28.6005, 0.3656,
0.3607

■ 20.3182, 0.4449,
0.3927

■ 31.9782, 0.3447,
0.3492

■ 18.1393, 0.4751,
0.3996

■ 35.6806, 0.3265,
0.3381


■ 16.2319, 0.5051,
0.4027

■ 39.7165, 0.3108,
0.3277

■ 14.5827, 0.5328,
0.4010

■ 44.0945, 0.2972,
0.3180


 13.1728, 0.5567,
0.3946

 48.8229, 0.2855,
0.3090

 13.0032, 0.5598,
0.3937

 53.9097, 0.2754,
0.3008

 59.3625, 0.2666,
0.2933

 65.1889, 0.2590,
0.2865

Harmonies

Analogous

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



25.5367, 0.3872, 0.3415



25.5367, 0.3894, 0.3722



25.5367, 0.3699, 0.3943

Triad

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



25.5367, 0.3894, 0.3722



25.5367, 0.2632, 0.3469



25.5367, 0.2865, 0.2680

Complementary

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



25.5367, 0.3894, 0.3722



24.4807, 0.2530, 0.2809

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.



25.5367, 0.2563, 0.2662



25.5367, 0.3894, 0.3722



25.5367, 0.2435, 0.3090

Square

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



25.5367, 0.3894, 0.3722



25.5367, 0.2965, 0.3814



25.5367, 0.2411, 0.2801



25.5367, 0.3256, 0.2838

Rectangle

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



25.5367, 0.3894, 0.3722



25.5367, 0.3481, 0.3998



25.5367, 0.2411, 0.2801



25.5367, 0.2750, 0.2657

Sweetspot

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



25.5379, 0.3894, 0.3722



62.2898, 0.3327, 0.3420



19.9518, 0.3515, 0.2717



13.3953, 0.3349, 0.3433



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.



25.5379, 0.3894, 0.3722



42.2096, 0.4109, 0.3812



35.3606, 0.3722, 0.4161



8.0535, 0.3275, 0.3388



9.9150, 0.5581, 0.3950



0.3436, 0.5018, 0.4398

Inverse Universe

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



24.4807, 0.2530, 0.2809



40.0153, 0.2408, 0.2687



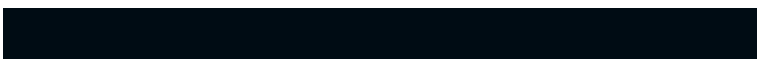
16.5290, 0.2446, 0.2237



7.9831, 0.2987, 0.3190



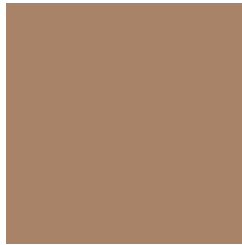
8.5131, 0.1845, 0.1842



0.3058, 0.1993, 0.2373

Previews

White Background



This preview shows how the Yxy color 25.5367, 0.3894, 0.3722 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 25.5367, 0.3894, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

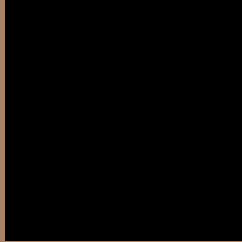
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5367, 0.3894, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 25.5367, 0.3894, 0.3722.



This preview shows how white text looks on a background with the Yxy color 25.5367, 0.3894, 0.3722.

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

25.5367, 0.3894, 0.3722

Protanopia

25.5135, 0.3583, 0.3824

Deuteranopia

25.6468, 0.3834, 0.3761



Tritanopia

25.3572, 0.3555, 0.3141

Trichromacy



Original Color

25.5367, 0.3894, 0.3722

Protanomaly

25.3164, 0.3691, 0.3779

Deuteranomaly

25.4811, 0.3852, 0.3744

Tritanomaly

25.4396, 0.3681, 0.3353

Monochromacy



Original Color

25.5367, 0.3894, 0.3722

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5987, 0.3394, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5367, 0.3894, 0.3722 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(168, 131, 103)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 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(168, 131, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 103) }
```

Border

The CSS property to change the border of an element to Yxy 25.5367, 0.3894, 0.3722 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(168, 131, 103) }
```

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

```
.border{ border-color:rgb(168, 131, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 131, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 131, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 131, 103);  
box-shadow:4px 4px 4px 4px rgb(168, 131,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5367, 0.3894, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 103) }
```

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

```
.background{ background-color: rgb(168,  
131, 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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