

Converting Colors

$Y_{xy}(25.7083, 0.3949, 0.3878)$

Have a look what the booklet for
Yxy(25.7083, 0.3949, 0.3878)
contains.

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Color

Yxy(25.7083, 0.3949, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	A6855F
RGB	166, 133, 95
RGB Percent	65%, 52%, 37%
CMY	0.3490, 0.4784, 0.6275
CMYK	0.00, 0.20, 0.43, 0.35
HSL	32°, 29%, 51%
HSV	32°, 43%, 65%
XYZ	26.1790, 25.7083, 14.4054
YIQ	138.5350, 31.8660, -4.8220

Conversions

Conversions Part 2

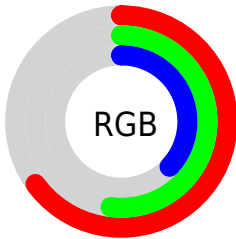
Format	Color
RYB	157, 166, 95
Decimal	10913119
CIELab	57.76, 7.39, 25.26
CIElCh	58, 26.320, 73.692
Yxy	25.7083, 0.3949, 0.3878
Android (android.graphics.Color)	4289103199 (0xFFA6855F)
YUV	138.5350, -21.4628, 24.0868
Hunter-Lab	50.7034, 3.4316, 18.6474

Details

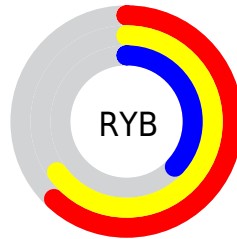
The Yxy color **25.7083, 0.3949, 0.3878** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.6201, 0.2446, 0.2611**, and the grayscale version is **25.7058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7227, 0.3772, 0.3761**, and **9.9988, 0.4228, 0.4071** is the 20% darker color. If you saturate the color by 10%, you get **23.4039, 0.4193, 0.4008**, and if you desaturate by 10%, it is **28.2346, 0.3722, 0.3739**.

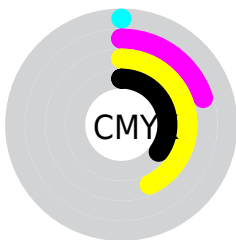
Distribution



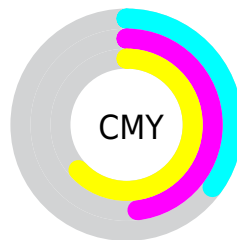
- Red (65%)
- Green (52%)
- Blue (37%)



- Red (62%)
- Yellow (65%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (35%)




- Cyan (35%)
- Magenta (48%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7083, 0.3949, 0.3878 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 25.7083, 0.3949, 0.3878 by changing the saturation by 10% instead.


 25.7083, 0.3949,
0.3878

 25.7083, 0.3949,
0.3878


281.3472, 0.3499,
0.3568


 16.6055, 0.4073,
0.3958


 52.8040, 0.3776,
0.3763


 9.9537, 0.4239,
0.4059


 71.5657, 0.3714,
0.3720

 5.3682, 0.4468,
0.4189

 94.3159, 0.3663,
0.3684

 2.4649, 0.4891,
0.4435

 121.4389, 0.3620,
0.3654

 0.8590, 0.5396,
0.4604

153.3191, 0.3583,
0.3628

 0.0000, 0.0000,
0.0000

190.3410, 0.3551,

0.3605

232.8889, 0.3523,
0.3586

■ 25.7083, 0.3949,
0.3878

■ 25.7083, 0.3949,
0.3878

■ 23.4039, 0.4193,
0.4008

■ 28.2346, 0.3722,
0.3739

■ 21.3102, 0.4448,
0.4117

■ 30.9862, 0.3516,
0.3597

■ 19.4206, 0.4702,
0.4196

■ 33.9708, 0.3332,
0.3458

■ 17.7262, 0.4942,
0.4230

■ 37.1946, 0.3169,
0.3325

■ 16.2170, 0.5154,
0.4214

■ 40.6637, 0.3025,
0.3201

■ 15.2300, 0.5293,
0.4179

■ 44.3838, 0.2899,
0.3085

■ 48.3605, 0.2789,
0.2979

■ 52.5989, 0.2692,
0.2881

■ 57.1044, 0.2607,
0.2792

Harmonies

Analogous

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



25.7083, 0.4017, 0.3550



25.7083, 0.3949, 0.3878



25.7083, 0.3655, 0.4080

Triad

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



25.7083, 0.3949, 0.3878



25.7083, 0.2467, 0.3338



25.7083, 0.2973, 0.2647

Complementary

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



25.7083, 0.3949, 0.3878



20.6201, 0.2446, 0.2611

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.



25.7083, 0.2587, 0.2568



25.7083, 0.3949, 0.3878



25.7083, 0.2312, 0.2928

Square

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



25.7083, 0.3949, 0.3878



25.7083, 0.2797, 0.3772



25.7083, 0.2355, 0.2659



25.7083, 0.3430, 0.2869

Rectangle

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



25.7083, 0.3949, 0.3878



25.7083, 0.3379, 0.4093



25.7083, 0.2355, 0.2659



25.7083, 0.2831, 0.2603

Sweetspot

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



25.7095, 0.3949, 0.3878



61.3918, 0.3340, 0.3464



17.8512, 0.3693, 0.2779



13.4715, 0.3378, 0.3494



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.



25.7095, 0.3949, 0.3878



42.8075, 0.4172, 0.3998



35.9535, 0.3726, 0.4331



8.1824, 0.3273, 0.3411



11.9039, 0.5280, 0.4189



0.3905, 0.4834, 0.4544

Inverse Universe

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



20.6201, 0.2446, 0.2611



32.3820, 0.2300, 0.2433



13.4962, 0.2369, 0.2006



7.8536, 0.2987, 0.3166



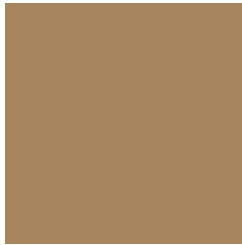
6.3574, 0.1748, 0.1492



0.2577, 0.1926, 0.2132

Previews

White Background



This preview shows how the Yxy color 25.7083, 0.3949, 0.3878 looks on a white background.

Color Contrast Check

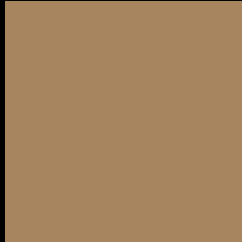
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7083, 0.3949, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

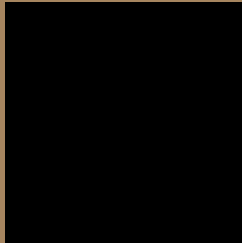
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7083, 0.3949, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 25.7083, 0.3949, 0.3878.



This preview shows how white text looks on a background with the Yxy color 25.7083, 0.3949, 0.3878.

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

25.7083, 0.3949, 0.3878

Protanopia

25.8123, 0.3698, 0.3983

Deuteranopia

25.7083, 0.3949, 0.3878



Tritanopia

25.7905, 0.3525, 0.3156

Trichromacy



Original Color

25.7083, 0.3949, 0.3878

Protanomaly

25.8038, 0.3792, 0.3951

Deuteranomaly

25.7083, 0.3949, 0.3878

Tritanomaly

25.8054, 0.3685, 0.3414

Monochromacy



Original Color

25.7083, 0.3949, 0.3878

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7109, 0.3412, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7083, 0.3949, 0.3878 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(166, 133, 95)` looks like.

```
.text, #text, p{  
    color:rgb(166, 133, 95)  
}
```

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(166, 133, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 133, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.7083, 0.3949, 0.3878 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(166, 133, 95) }
```

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

```
.border{ border-color:rgb(166, 133, 95) }
```

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

Here you see how a box with a 4 pixel rgb(166, 133, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 133, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 133, 95);  
box-shadow:4px 4px 4px 4px rgb(166, 133,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7083, 0.3949, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 133, 95) }
```

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

```
.background{ background-color: rgb(166,  
133, 95) }
```

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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