

Converting Colors

$Yxy(25.9237, 0.3877, 0.3967)$

Have a look what the booklet for
Yxy(25.9237, 0.3877, 0.3967)
contains.

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Color

Yxy(25.8722, 0.3879, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	A0885D
RGB	160, 136, 93
RGB Percent	63%, 53%, 36%
CMY	0.3725, 0.4667, 0.6353
CMYK	0.00, 0.15, 0.42, 0.37
HSL	38°, 26%, 50%
HSV	38°, 42%, 63%
XYZ	25.2792, 25.8722, 14.0179
YIQ	138.2740, 28.1070, -8.2850

Conversions

Conversions Part 2

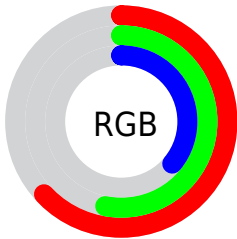
Format	Color
RYB	130, 160, 93
Decimal	10520669
CIELab	57.92, 2.95, 26.45
CIElCh	58, 26.616, 83.646
Yxy	25.8722, 0.3879, 0.3970
Android (android.graphics.Color)	4288710749 (0xFFA0885D)
YUV	138.2740, -22.3201, 19.0537
Hunter-Lab	50.8647, -0.3009, 19.2655

Details


The Yxy color $25.8722, 0.3879, 0.3970$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.5925, 0.2441, 0.2493$, and the grayscale version is $25.6057, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0077, 0.3723, 0.3828$, and $9.9786, 0.4144, 0.4183$ is the 20% darker color. If you saturate the color by 10%, you get $24.0466, 0.4091, 0.4124$, and if you desaturate by 10%, it is $27.8460, 0.3676, 0.3806$.

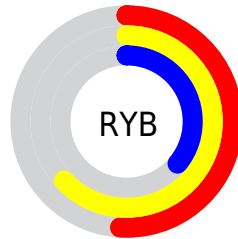
Distribution



 Red (63%)

 Green (53%)

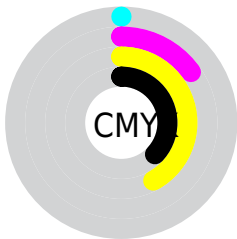
 Blue (36%)



 Red (51%)

 Yellow (63%)

 Blue (36%)

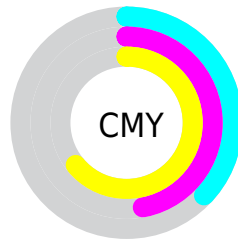


 Cyan (0%)


 Magenta (15%)

 Yellow (42%)

 Black (37%)



 Cyan (37%)


 Magenta (47%)


 Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8722, 0.3879, 0.3970 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 25.8722, 0.3879, 0.3970 by changing the saturation by 10% instead.


 25.8722, 0.3879,
0.3970


 25.8722, 0.3879,
0.3970


282.1542, 0.3470,
0.3606


 16.7281, 0.3990,
0.4066


 53.0687, 0.3723,
0.3833


 10.0408, 0.4137,
0.4191


 71.8898, 0.3667,
0.3783

 5.4260, 0.4337,
0.4356

 94.7055, 0.3620,
0.3741

 2.4993, 0.4730,
0.4688

 121.8999, 0.3581,
0.3706

 0.8763, 0.5084,
0.4916

153.8576, 0.3547,
0.3675

 0.0000, 0.0000,
0.0000

190.9630, 0.3518,

0.3649

233.6003, 0.3493,
0.3626

■ 25.8722, 0.3879,
0.3970

■ 25.8722, 0.3879,
0.3970

■ 24.0466, 0.4091,
0.4124

■ 27.8460, 0.3676,
0.3806

■ 22.3605, 0.4307,
0.4258

■ 29.9690, 0.3486,
0.3639

■ 20.8096, 0.4515,
0.4361

■ 32.2469, 0.3312,
0.3475

■ 19.3877, 0.4707,
0.4423

■ 34.6840, 0.3155,
0.3319

■ 18.0879, 0.4871,
0.4436

■ 37.2841, 0.3014,
0.3171

■ 17.1099, 0.4990,
0.4420

■ 40.0511, 0.2888,
0.3033

■ 42.9886, 0.2776,
0.2905

■ 46.1003, 0.2677,
0.2788

■ 49.3894, 0.2588,
0.2681

Harmonies

Analogous

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



25.8722, 0.4032, 0.3669



25.8722, 0.3879, 0.3970



25.8722, 0.3526, 0.4109

Triad

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



25.8722, 0.3879, 0.3970



25.8722, 0.2388, 0.3190



25.8722, 0.3122, 0.2702

Complementary

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



25.8722, 0.3879, 0.3970



17.5925, 0.2441, 0.2493

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.



25.8722, 0.2697, 0.2571



25.8722, 0.3879, 0.3970



25.8722, 0.2298, 0.2815

Square

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



25.8722, 0.3879, 0.3970



25.8722, 0.2667, 0.3639



25.8722, 0.2406, 0.2603



25.8722, 0.3579, 0.2964

Rectangle

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



25.8722, 0.3879, 0.3970



25.8722, 0.3231, 0.4063



25.8722, 0.2406, 0.2603



25.8722, 0.2971, 0.2642

Sweetspot

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



25.8734, 0.3879, 0.3970



57.9559, 0.3335, 0.3498



16.6021, 0.3778, 0.2896



12.5174, 0.3371, 0.3532



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.8734, 0.3879, 0.3970



43.9462, 0.4072, 0.4111



32.5233, 0.3641, 0.4334



7.3201, 0.3269, 0.3433



13.4114, 0.4981, 0.4427



0.3172, 0.4600, 0.4730

Inverse Universe

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



17.5925, 0.2441, 0.2493



26.9355, 0.2284, 0.2281



13.1890, 0.2462, 0.2064



6.8049, 0.2988, 0.3143



4.3600, 0.1662, 0.1181



0.1544, 0.1878, 0.1960

Previews

White Background



This preview shows how the Yxy color 25.8722, 0.3879, 0.3970 looks on a white background.

Color Contrast Check

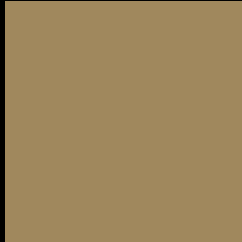
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8722, 0.3879, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

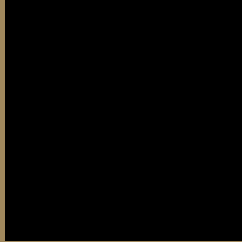
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8722, 0.3879, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 25.8722, 0.3879, 0.3970.



This preview shows how white text looks on a background with the Yxy color 25.8722, 0.3879, 0.3970.

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

25.8722, 0.3879, 0.3970

Protanopia

25.8527, 0.3742, 0.4028

Deuteranopia

25.7987, 0.3972, 0.3890



Tritanopia

25.8580, 0.3426, 0.3138

Trichromacy



Original Color

25.8722, 0.3879, 0.3970

Protanomaly

25.8551, 0.3784, 0.4003

Deuteranomaly

25.7509, 0.3929, 0.3913

Tritanomaly

25.7191, 0.3594, 0.3432

Monochromacy



Original Color

25.8722, 0.3879, 0.3970

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4075, 0.3388, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8722, 0.3879, 0.3970 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(160, 136, 93)` looks like.

```
.text, #text, p{  
    color:rgb(160, 136, 93)  
}
```

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(160, 136, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 136, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.8722, 0.3879, 0.3970 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(160, 136, 93) }
```

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

```
.border{ border-color:rgb(160, 136, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 136, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 136, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 136, 93);  
box-shadow:4px 4px 4px 4px rgb(160, 136,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8722, 0.3879, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 136, 93) }
```

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

```
.background{ background-color: rgb(160,  
136, 93) }
```

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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