

Converting Colors

$Y_{xy}(22.5482, 0.4386, 0.4853)$

Have a look what the booklet for
Yxy(22.5482, 0.4386, 0.4853)
contains.

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Color

Yxy(22.5482, 0.4386, 0.4853)

Conversions

Conversions Part 1

Format	Color
Hex	948309
RGB	148, 131, 9
RGB Percent	58%, 51%, 4%
CMY	0.4196, 0.4863, 0.9648
CMYK	0.00, 0.11, 0.94, 0.42
HSL	53°, 89%, 31%
HSV	53°, 94%, 58%
XYZ	20.3784, 22.5482, 3.5358
YIQ	122.1750, 49.2940, -34.3380

Conversions

Conversions Part 2

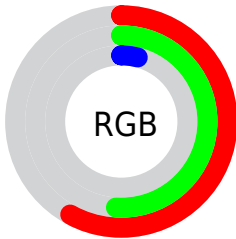
Format	Color
R_{YB}	28, 148, 9
Decimal	9732873
CIE Lab	54.60, -5.07, 57.92
CIE LCh	55, 58.145, 95.000
Yxy	22.5482, 0.4386, 0.4853
Android (android.graphics.Color)	4287922953 (0xFF948309)
YUV	122.1750, -55.7953, 22.6485
Hunter-Lab	47.4849, -6.4945, 28.8247

Details

The Yxy color **22.5482, 0.4386, 0.4853** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2.9339, 0.1573, 0.0792**, and the grayscale version is **19.6962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8577, 0.4186, 0.4580**, and **8.3617, 0.4402, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **22.2362, 0.4421, 0.4871**, and if you desaturate by 10%, it is **23.0850, 0.4317, 0.4806**.

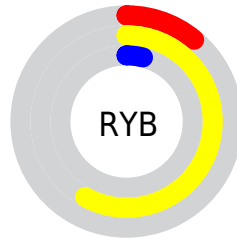
Distribution



Red (58%)

Green (51%)

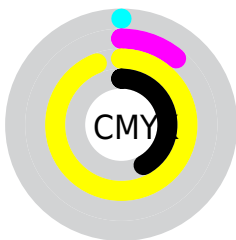
Blue (4%)



Red (11%)

Yellow (58%)

Blue (4%)

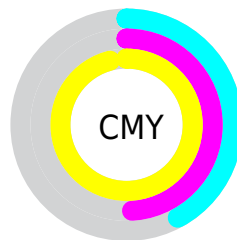


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (42%)



Cyan (42%)


Magenta (49%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5482, 0.4386, 0.4853 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 22.5482, 0.4386, 0.4853 by changing the saturation by 10% instead.


 22.5482, 0.4386,
0.4853


 22.5482, 0.4386,
0.4853


265.3959, 0.3767,
0.4051

 14.2603, 0.4498,
0.5019


 47.6504, 0.4182,
0.4576

 8.3019, 0.4661,
0.5262


 65.2334, 0.4097,
0.4466


 4.2887, 0.4653,
0.5347

 86.6837, 0.4023,
0.4371

 1.8364, 0.4580,
0.5420

 112.3854, 0.3958,
0.4289

 0.5097, 0.4144,
0.5856


 142.7231, 0.3901,
0.4217


 0.0000, 0.0000,
0.0000


 178.0812, 0.3851,

0.4155


 218.8440, 0.3806,
0.4100


 22.5482, 0.4386,
0.4853


 22.5482, 0.4386,
0.4853

 22.2362, 0.4421,
0.4871

 23.0850, 0.4317,
0.4806

 23.6626, 0.4222,
0.4716

 24.2869, 0.4102,
0.4585

 24.9620, 0.3963,
0.4419

 25.6914, 0.3811,
0.4228

■ 26.4783, 0.3652,
0.4019

■ 27.3256, 0.3491,
0.3802

■ 28.2360, 0.3334,
0.3584

■ 29.2120, 0.3184,
0.3371

Harmonies

Analogous

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



22.5482, 0.5003, 0.4169



22.5482, 0.4386, 0.4853



22.5482, 0.3501, 0.5218

Triad

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



22.5482, 0.4386, 0.4853



22.5482, 0.1493, 0.2617



22.5482, 0.3468, 0.2260

Complementary

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



22.5482, 0.4386, 0.4853



2.9339, 0.1573, 0.0792

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.



22.5482, 0.2482, 0.1912



22.5482, 0.4386, 0.4853



22.5482, 0.1494, 0.2024

Square

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



22.5482, 0.4386, 0.4853



22.5482, 0.1845, 0.3656



22.5482, 0.1816, 0.1819



22.5482, 0.4501, 0.2808

Rectangle

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



22.5482, 0.4386, 0.4853



22.5482, 0.2871, 0.5032



22.5482, 0.1816, 0.1819



22.5482, 0.3114, 0.2118

Sweetspot

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



22.5493, 0.4386, 0.4853



47.5088, 0.3566, 0.3903



6.5725, 0.6027, 0.3165



10.7118, 0.3629, 0.3989



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.



22.5493, 0.4386, 0.4853



39.0650, 0.4426, 0.4867



23.7426, 0.3593, 0.5479



6.6249, 0.3262, 0.3483



19.0195, 0.4420, 0.4873



0.2602, 0.4296, 0.4971

Inverse Universe

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



2.9339, 0.1573, 0.0792



4.4007, 0.1525, 0.0689



3.2923, 0.1879, 0.0847



5.7405, 0.2989, 0.3090



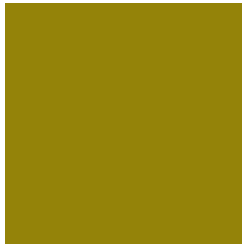
2.2221, 0.1532, 0.0715



0.0494, 0.1662, 0.1183

Previews

White Background



This preview shows how the Yxy color 22.5482, 0.4386, 0.4853 looks on a white background.

Color Contrast Check

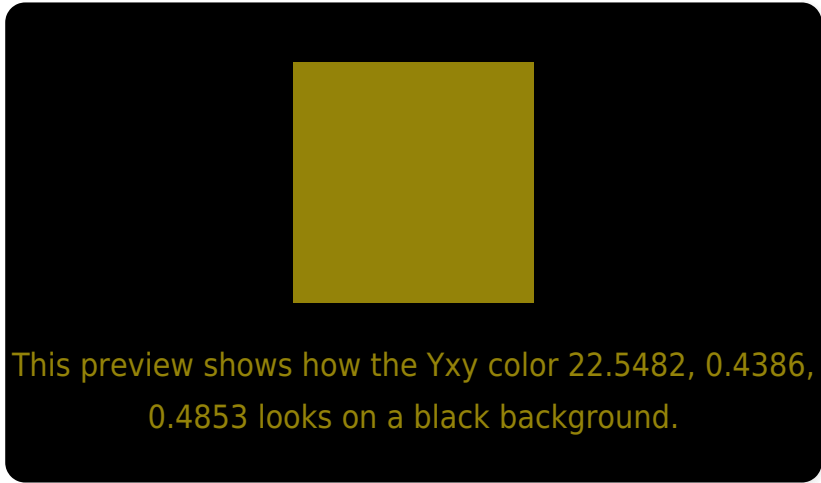
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

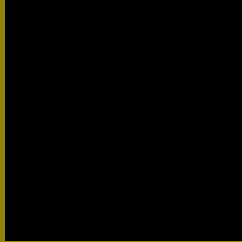
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5482, 0.4386, 0.4853

Background



This preview shows how black text looks on a background with the Yxy color 22.5482, 0.4386, 0.4853.



This preview shows how white text looks on a background with the Yxy color 22.5482, 0.4386, 0.4853.

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

22.5482, 0.4386, 0.4853

Protanopia

22.5482, 0.4386, 0.4853

Deuteranopia

22.4583, 0.4660, 0.4584



Tritanopia

22.6257, 0.3443, 0.3146

Trichromacy



Original Color

22.5482, 0.4386, 0.4853

Protanomaly

22.5482, 0.4386, 0.4853

Deuteranomaly

22.5842, 0.4558, 0.4684

Tritanomaly

22.1277, 0.3932, 0.3921

Monochromacy



Original Color

22.5482, 0.4386, 0.4853

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.0866, 0.3712, 0.4102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5482, 0.4386, 0.4853 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(148, 131, 9)` looks like.

```
.text, #text, p{  
    color:rgb(148, 131, 9)  
}
```

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(148, 131, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 131, 9) }
```

Border

The CSS property to change the border of an element to Yxy 22.5482, 0.4386, 0.4853 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(148, 131, 9) }
```

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

```
.border{ border-color:rgb(148, 131, 9) }
```

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

Here you see how a box with a 4 pixel rgb(148, 131, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 131, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 131, 9);  
box-shadow:4px 4px 4px 4px rgb(148, 131,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5482, 0.4386, 0.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 131, 9) }
```

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

```
.background{ background-color: rgb(148,  
131, 9) }
```

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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