

Converting Colors

$Yxy(22.5217, 0.4449, 0.4850)$

Have a look what the booklet for
Yxy(22.5217, 0.4449, 0.4850)
contains.

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Color

Yxy(22.4493, 0.4445, 0.4853)

Conversions

Conversions Part 1

Format	Color
Hex	968200
RGB	150, 130, 0
RGB Percent	59%, 51%, 0%
CMY	0.4117, 0.4902, 1.0000
CMYK	0.00, 0.13, 1.00, 0.41
HSL	52°, 100%, 29%
HSV	52°, 100%, 59%
XYZ	20.5619, 22.4493, 3.2474
YIQ	121.1600, 53.6500, -36.1900

Conversions

Conversions Part 2

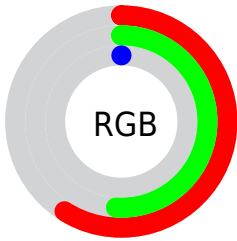
Format	Color
R_{YB}	23, 150, 0
Decimal	9863680
CIE Lab	54.50, -3.73, 59.53
CIE LCh	55, 59.646, 93.582
Yxy	22.4493, 0.4445, 0.4853
Android (android.graphics.Color)	4288053760 (0xFF968200)
YUV	121.1600, -59.7319, 25.2927
Hunter-Lab	47.3807, -5.4520, 29.1029

Details

The Yxy color **22.4493, 0.4445, 0.4853** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.7033, 0.1534, 0.0720**, and the grayscale version is **19.3603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6821, 0.4233, 0.4592**, and **8.3178, 0.4459, 0.4841** is the 20% darker color. If you saturate the color by 10%, you get **22.4505, 0.4445, 0.4853**, and if you desaturate by 10%, it is **23.0227, 0.4382, 0.4823**.

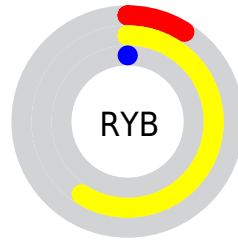
Distribution



Red (59%)

Green (51%)

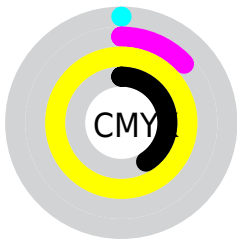
Blue (0%)



Red (9%)

Yellow (59%)

Blue (0%)

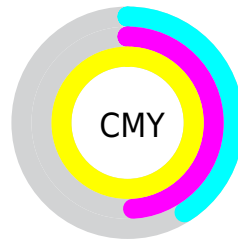


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (49%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4493, 0.4445, 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 22.4493, 0.4445, 0.4853 by changing the saturation by 10% instead.


 22.4493, 0.4445,
0.4853


 22.4493, 0.4445,
0.4853


264.8837, 0.3799,
0.4062


 14.1874, 0.4560,
0.5009


 47.4875, 0.4234,
0.4585


 8.2511, 0.4744,
0.5256


 65.0326, 0.4145,
0.4476

 4.2561, 0.4711,
0.5289

 86.4408, 0.4068,
0.4382

 1.8178, 0.4658,
0.5342

 112.0967, 0.4000,
0.4300

 0.4982, 0.4343,
0.5657


 142.3845, 0.3940,
0.4229


 0.0000, 0.0000,
0.0000


 177.6887, 0.3887,

0.4166

 218.3936, 0.3841,
0.4111


 22.4493, 0.4445,
0.4853


 22.4493, 0.4445,
0.4853


 22.4505, 0.4445,
0.4853

 23.0227, 0.4382,
0.4823

 23.6300, 0.4299,
0.4761

 24.2842, 0.4191,
0.4656

 24.9901, 0.4059,
0.4512

 25.7516, 0.3912,
0.4336

■ 26.5721, 0.3754,
0.4139

■ 27.4549, 0.3591,
0.3928

■ 28.4028, 0.3430,
0.3712

■ 29.4186, 0.3275,
0.3497

Harmonies

Analogous

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



22.4493, 0.5062, 0.4143



22.4493, 0.4445, 0.4853



22.4493, 0.3547, 0.5268

Triad

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



22.4493, 0.4445, 0.4853



22.4493, 0.1466, 0.2636



22.4493, 0.3423, 0.2215

Complementary

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



22.4493, 0.4445, 0.4853



2.7033, 0.1534, 0.0720

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.



22.4493, 0.2425, 0.1873



22.4493, 0.4445, 0.4853



22.4493, 0.1454, 0.2012

Square

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



22.4493, 0.4445, 0.4853



22.4493, 0.1840, 0.3723



22.4493, 0.1765, 0.1790



22.4493, 0.4494, 0.2764

Rectangle

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



22.4493, 0.4445, 0.4853



22.4493, 0.2903, 0.5115



22.4493, 0.1765, 0.1790



22.4493, 0.3062, 0.2075

Sweetspot

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



22.4505, 0.4445, 0.4853



48.3469, 0.3601, 0.3940



6.5452, 0.6164, 0.3169



10.5809, 0.3663, 0.4021



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.



22.4505, 0.4445, 0.4853



39.4276, 0.4450, 0.4848



24.3865, 0.3600, 0.5524



6.6141, 0.3262, 0.3480



18.6498, 0.4443, 0.4854



0.2577, 0.4306, 0.4963

Inverse Universe

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



2.7033, 0.1534, 0.0720



4.6185, 0.1528, 0.0700



2.9460, 0.1784, 0.0756



5.7504, 0.2989, 0.3092



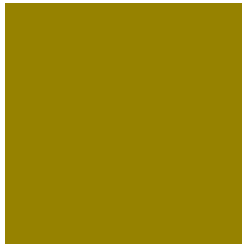
2.2710, 0.1536, 0.0728



0.0519, 0.1675, 0.1230

Previews

White Background



This preview shows how the Yxy color 22.4493, 0.4445, 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 22.4493, 0.4445, 0.4853

Background



This preview shows how black text looks on a background with the Yxy color 22.4493, 0.4445, 0.4853.

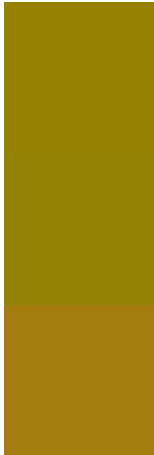


This preview shows how white text looks on a background with the Yxy color 22.4493, 0.4445, 0.4853.

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

22.4493, 0.4445, 0.4853

Protanopia

22.4444, 0.4385, 0.4879

Deuteranopia

22.4491, 0.4670, 0.4596



Tritanopia

22.4545, 0.3471, 0.3146

Trichromacy



Original Color

22.4493, 0.4445, 0.4853

Protanomaly

22.5351, 0.4400, 0.4873

Deuteranomaly

22.4172, 0.4597, 0.4682

Tritanomaly

21.9099, 0.3999, 0.3965

Monochromacy



Original Color

22.4493, 0.4445, 0.4853

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.8567, 0.3777, 0.4152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4493, 0.4445, 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(150, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 130, 0)  
}
```

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(150, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 130, 0) }
```

Border

The CSS property to change the border of an element to Yxy 22.4493, 0.4445, 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(150, 130, 0) }
```

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

```
.border{ border-color:rgb(150, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 130,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4493, 0.4445, 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(150, 130, 0) }
```

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

```
.background{ background-color: rgb(150,  
130, 0) }
```

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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