

Converting Colors

$Y_{xy}(23.5031, 0.4281, 0.4983)$

Have a look what the booklet for
Yxy(23.5031, 0.4281, 0.4983)
contains.

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Color

Yxy(23.4480, 0.4279, 0.4984)

Conversions

Conversions Part 1

Format	Color
Hex	8F8800
RGB	143, 136, 0
RGB Percent	56%, 53%, 0%
CMY	0.4392, 0.4666, 0.9996
CMYK	0.00, 0.05, 1.00, 0.44
HSL	57°, 100%, 28%
HSV	57°, 100%, 56%
XYZ	20.1312, 23.4480, 3.4673
YIQ	122.5890, 47.8280, -40.8120

Conversions

Conversions Part 2

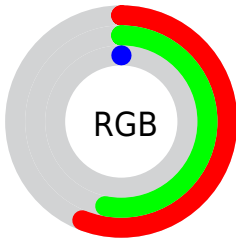
Format	Color
R_YB	7, 143, 0
Decimal	9406464
CIE Lab	55.53, -10.28, 59.94
CIE LCh	56, 60.811, 99.731
Yxy	23.4480, 0.4279, 0.4984
Android (android.graphics.Color)	4287596544 (0xFF8F8800)
YUV	122.5890, -60.4364, 17.9004
Hunter-Lab	48.4231, -10.5317, 29.6507

Details

The Yxy color **23.4480, 0.4279, 0.4984** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.1372, 0.1512, 0.0642**, and the grayscale version is **19.8595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0919, 0.4108, 0.4683**, and **8.9402, 0.4230, 0.5023** is the 20% darker color. If you saturate the color by 10%, you get **23.4476, 0.4279, 0.4984**, and if you desaturate by 10%, it is **23.6792, 0.4239, 0.4941**.

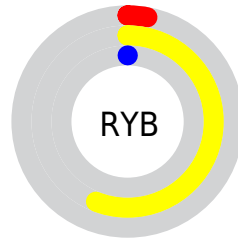
Distribution



Red (56%)

Green (53%)

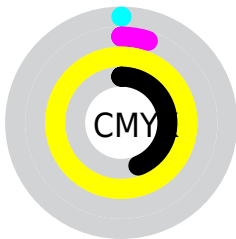
Blue (0%)



Red (3%)

Yellow (56%)

Blue (0%)

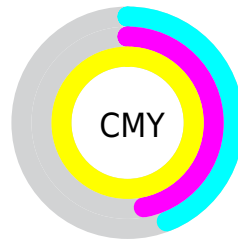


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.4480, 0.4279, 0.4984 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 23.4480, 0.4279, 0.4984 by changing the saturation by 10% instead.


 23.4480, 0.4279,
0.4984


 23.4480, 0.4279,
0.4984


270.0177, 0.3733,
0.4106


 14.9247, 0.4365,
0.5171


 49.1279, 0.4107,
0.4678


 8.7665, 0.4493,
0.5449


 67.0532, 0.4033,
0.4556


 4.5892, 0.4432,
0.5568

 88.8814, 0.3966,
0.4453

 2.0083, 0.4288,
0.5712

 114.9967, 0.3908,
0.4363

 0.6123, 0.3509,
0.6491

 145.7836, 0.3856,
0.4286

 0.0000, 0.0000,
0.0000

 181.6265, 0.3810,

0.4218

■ 222.9097, 0.3769,
0.4159

■ 23.4480, 0.4279,
0.4984

■ 23.4480, 0.4279,
0.4984

■ 23.4476, 0.4279,
0.4984

■ 23.6792, 0.4239,
0.4941

■ 23.9325, 0.4180,
0.4868

■ 24.2198, 0.4096,
0.4754

■ 24.5452, 0.3988,
0.4601

■ 24.9121, 0.3862,
0.4415

■ 25.3237, 0.3721,
0.4205

■ 25.7827, 0.3572,
0.3979

■ 26.2916, 0.3421,
0.3747

■ 26.8527, 0.3271,
0.3515

Harmonies

Analogous

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



23.4480, 0.4978, 0.4296



23.4480, 0.4279, 0.4984



23.4480, 0.3348, 0.5277

Triad

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



23.4480, 0.4279, 0.4984



23.4480, 0.1430, 0.2465



23.4480, 0.3653, 0.2310

Complementary

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



23.4480, 0.4279, 0.4984



2.1372, 0.1512, 0.0642

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.



23.4480, 0.2603, 0.1918



23.4480, 0.4279, 0.4984



23.4480, 0.1485, 0.1932

Square

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



23.4480, 0.4279, 0.4984



23.4480, 0.1725, 0.3471



23.4480, 0.1866, 0.1779



23.4480, 0.4683, 0.2892

Rectangle

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



23.4480, 0.4279, 0.4984



23.4480, 0.2707, 0.4988



23.4480, 0.1866, 0.1779



23.4480, 0.3282, 0.2154

Sweetspot

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



23.4491, 0.4279, 0.4984



46.1183, 0.3583, 0.3996



5.8568, 0.6328, 0.3260



10.5029, 0.3640, 0.4082



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



23.4491, 0.4279, 0.4984



41.9220, 0.4281, 0.4983



21.2915, 0.3450, 0.5642



6.2409, 0.3260, 0.3497



20.7438, 0.4279, 0.4985



0.2073, 0.4232, 0.5022

Inverse Universe

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



2.1372, 0.1512, 0.0642



3.7491, 0.1508, 0.0630



3.0884, 0.1951, 0.0849



5.2947, 0.2990, 0.3074



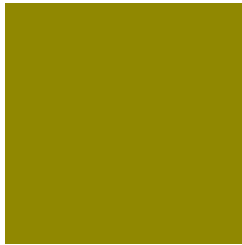
1.8969, 0.1512, 0.0644



0.0249, 0.1569, 0.0850

Previews

White Background



This preview shows how the Yxy color 23.4480, 0.4279, 0.4984 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 23.4480, 0.4279, 0.4984 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 23.4480, 0.4279, 0.4984

Background



This preview shows how black text looks on a background with the Yxy color 23.4480, 0.4279, 0.4984.



This preview shows how white text looks on a background with the Yxy color 23.4480, 0.4279, 0.4984.

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

23.4480, 0.4279, 0.4984

Protanopia

23.2591, 0.4404, 0.4885

Deuteranopia

23.2936, 0.4663, 0.4578



Tritanopia

23.2786, 0.3314, 0.3128

Trichromacy



Original Color

23.4480, 0.4279, 0.4984

Protanomaly

23.2532, 0.4354, 0.4925

Deuteranomaly

23.3627, 0.4525, 0.4730

Tritanomaly

22.9493, 0.3834, 0.4015

Monochromacy



Original Color

23.4480, 0.4279, 0.4984

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.7342, 0.3714, 0.4207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4480, 0.4279, 0.4984 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(143, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 136, 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(143, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 136, 0) }
```

Border

The CSS property to change the border of an element to Yxy 23.4480, 0.4279, 0.4984 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(143, 136, 0) }
```

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

```
.border{ border-color:rgb(143, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 136,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4480, 0.4279, 0.4984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 136, 0) }
```

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

```
.background{ background-color: rgb(143,  
136, 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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