

Converting Colors

Yxy(23.2022, 0.4859, 0.4387)

Have a look what the booklet for
Yxy(23.2022, 0.4859, 0.4387)
contains.

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Color

Yxy(23.2022, 0.4859, 0.4387)

Conversions

Conversions Part 1

Format	Color
Hex	B47818
RGB	180, 120, 24
RGB Percent	71%, 47%, 9%
CMY	0.2942, 0.5293, 0.9059
CMYK	0.00, 0.33, 0.87, 0.29
HSL	37°, 76%, 40%
HSV	37°, 87%, 71%
XYZ	25.6985, 23.2022, 3.9878
YIQ	126.9960, 66.5760, -17.1360

Conversions

Conversions Part 2

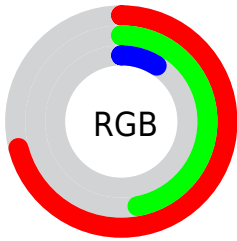
Format	Color
R _Y B	122, 180, 24
Decimal	11827224
CIE Lab	55.28, 16.07, 56.48
CIE LCh	55, 58.721, 74.113
Yxy	23.2022, 0.4859, 0.4387
Android (android.graphics.Color)	4290017304 (0xFFB47818)
YUV	126.9960, -50.7770, 46.4845
Hunter-Lab	48.1687, 10.9367, 28.8096

Details

The Yxy color **23.2022, 0.4859, 0.4387** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.8206, 0.1784, 0.1487**, and the grayscale version is **21.3833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5948, 0.4541, 0.4236**, and **8.7723, 0.5104, 0.4329** is the 20% darker color. If you saturate the color by 10%, you get **21.5460, 0.5020, 0.4367**, and if you desaturate by 10%, it is **25.0294, 0.4667, 0.4357**.

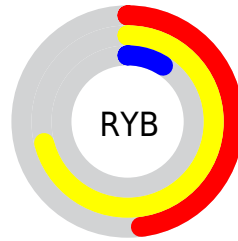
Distribution



Red (71%)

Green (47%)

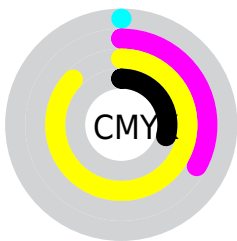
Blue (9%)



Red (48%)

Yellow (71%)

Blue (9%)

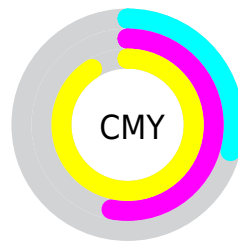


Cyan (0%)

Magenta (33%)

Yellow (87%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2022, 0.4859, 0.4387 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 23.2022, 0.4859, 0.4387 by changing the saturation by 10% instead.


 23.2022, 0.4859,
0.4387


 23.2022, 0.4859,
0.4387


268.7618, 0.3962,
0.3893


 14.7429, 0.5056,
0.4455


 48.7251, 0.4544,
0.4240


 8.6391, 0.5313,
0.4528


 66.5575, 0.4420,
0.4173


 4.5066, 0.5520,
0.4480

 88.2831, 0.4315,
0.4112

 1.9608, 0.5713,
0.4287

 114.2862, 0.4224,
0.4058

 0.5845, 0.6197,
0.3803

 144.9512, 0.4145,
0.4010

 0.0000, 0.0000,
0.0000

 180.6625, 0.4076,

0.3966

221.8046, 0.4016,
0.3928

23.2022, 0.4859,
0.4387

23.2022, 0.4859,
0.4387

21.5460, 0.5020,
0.4367

25.0294, 0.4667,
0.4357

21.0242, 0.5071,
0.4356

27.0359, 0.4453,
0.4279

29.2322, 0.4228,
0.4164

31.6264, 0.4003,
0.4024

34.2261, 0.3787,
0.3868

■ 37.0383, 0.3584,
0.3706

■ 40.0694, 0.3398,
0.3545

■ 43.3256, 0.3229,
0.3389

■ 46.8126, 0.3079,
0.3242

Harmonies

Analogous

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



23.2022, 0.5136, 0.3674



23.2022, 0.4859, 0.4387



23.2022, 0.4135, 0.5020

Triad

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



23.2022, 0.4859, 0.4387



23.2022, 0.1696, 0.3301



23.2022, 0.2754, 0.1992

Complementary

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



23.2022, 0.4859, 0.4387



9.8206, 0.1784, 0.1487

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.



23.2022, 0.1980, 0.1818



23.2022, 0.4859, 0.4387



23.2022, 0.1458, 0.2388

Square

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



23.2022, 0.4859, 0.4387



23.2022, 0.2315, 0.4481



23.2022, 0.1557, 0.1925



23.2022, 0.3799, 0.2409

Rectangle

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



23.2022, 0.4859, 0.4387



23.2022, 0.3529, 0.5217



23.2022, 0.1557, 0.1925



23.2022, 0.2457, 0.1905

Sweetspot

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



23.2034, 0.4859, 0.4387



67.3006, 0.3579, 0.3703



11.0309, 0.4987, 0.2640



14.1608, 0.3647, 0.3758



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



23.2034, 0.4859, 0.4387



37.6709, 0.5089, 0.4341



40.6284, 0.4007, 0.5109



9.3470, 0.3272, 0.3430



14.8121, 0.5057, 0.4366



0.5748, 0.4759, 0.4603

Inverse Universe

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



9.8206, 0.1784, 0.1487



13.3162, 0.1664, 0.1191



4.3902, 0.1643, 0.0766



8.7479, 0.2985, 0.3146



5.4080, 0.1679, 0.1243



0.2851, 0.1841, 0.1827

Previews

White Background



This preview shows how the Yxy color 23.2022, 0.4859, 0.4387 looks on a white background.

Color Contrast Check

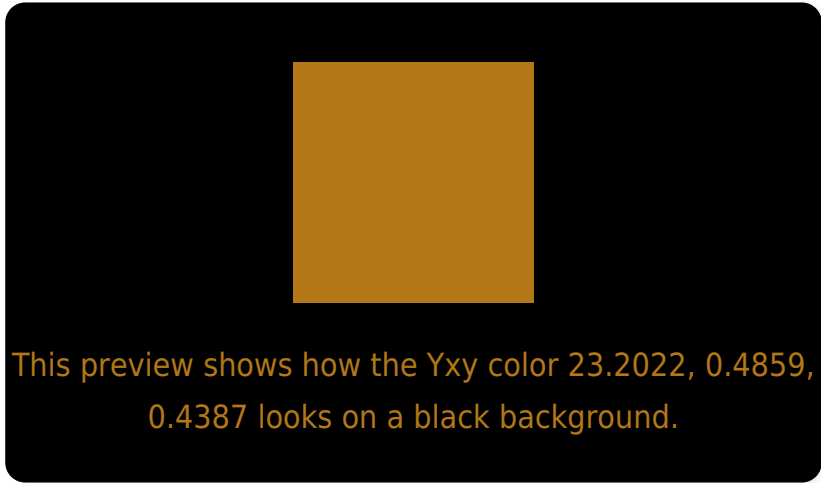
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2022, 0.4859, 0.4387

Background



This preview shows how black text looks on a background with the Yxy color 23.2022, 0.4859, 0.4387.



This preview shows how white text looks on a background with the Yxy color 23.2022, 0.4859, 0.4387.

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

23.2022, 0.4859, 0.4387

Protanopia

23.2485, 0.4309, 0.4772

Deuteranopia

23.2970, 0.4659, 0.4573



Tritanopia

23.2587, 0.3990, 0.3179

Trichromacy



Original Color

23.2022, 0.4859, 0.4387

Protanomaly

22.9911, 0.4510, 0.4626

Deuteranomaly

23.2401, 0.4729, 0.4512

Tritanomaly

22.9846, 0.4412, 0.3715

Monochromacy



Original Color

23.2022, 0.4859, 0.4387

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.2645, 0.3812, 0.3877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2022, 0.4859, 0.4387 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(180, 120, 24)` looks like.

```
.text, #text, p{  
    color:rgb(180, 120, 24)  
}
```

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(180, 120, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 120, 24) }
```

Border

The CSS property to change the border of an element to Yxy 23.2022, 0.4859, 0.4387 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(180, 120, 24) }
```

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

```
.border{ border-color:rgb(180, 120, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 120, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 120, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 120, 24);  
box-shadow:4px 4px 4px 4px rgb(180, 120,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2022, 0.4859, 0.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 120, 24) }
```

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

```
.background{ background-color: rgb(180,  
120, 24) }
```

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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