

Converting Colors

$Y_{xy}(23.9997, 0.4928, 0.4394)$

Have a look what the booklet for
Yxy(23.9997, 0.4928, 0.4394)
contains.

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Color

$\text{Yxy}(24.0264, 0.4927, 0.4395)$

Conversions

Conversions Part 1

Format	Color
Hex	B97910
RGB	185, 121, 16
RGB Percent	73%, 47%, 6%
CMY	0.2746, 0.5254, 0.9374
CMYK	0.00, 0.35, 0.91, 0.27
HSL	37°, 84%, 39%
HSV	37°, 91%, 73%
XYZ	26.9347, 24.0264, 3.7065
YIQ	128.1660, 71.8490, -19.0870

Conversions

Conversions Part 2

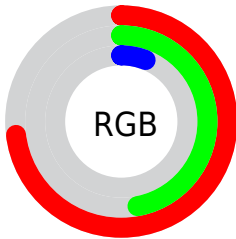
Format	Color
R _Y B	119, 185, 16
Decimal	12155152
CIE Lab	56.11, 17.58, 59.52
CIE LCh	56, 62.059, 73.542
Yxy	24.0264, 0.4927, 0.4395
Android (android.graphics.Color)	4290345232 (0xFFB97910)
YUV	128.1660, -55.2978, 49.8434
Hunter-Lab	49.0167, 12.3065, 29.8284

Details

The Yxy color **24.0264, 0.4927, 0.4395** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.3384, 0.1734, 0.1369**, and the grayscale version is **21.8236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9744, 0.4614, 0.4256**, and **9.0703, 0.5160, 0.4285** is the 20% darker color. If you saturate the color by 10%, you get **22.5675, 0.5057, 0.4367**, and if you desaturate by 10%, it is **25.8725, 0.4752, 0.4388**.

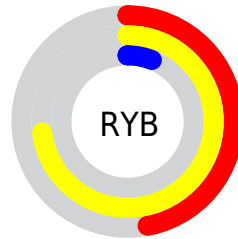
Distribution



Red (73%)

Green (47%)

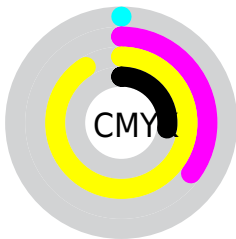
Blue (6%)



Red (47%)

Yellow (73%)

Blue (6%)

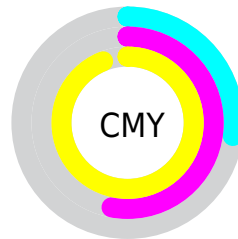


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (27%)



Cyan (27%)


Magenta (53%)

Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0264, 0.4927, 0.4395 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 24.0264, 0.4927, 0.4395 by changing the saturation by 10% instead.


 24.0264, 0.4927,
0.4395


 24.0264, 0.4927,
0.4395


272.9539, 0.4008,
0.3914


 15.3532, 0.5122,
0.4453


 50.0733, 0.4609,
0.4258

 9.0676, 0.5385,
0.4519


 68.2158, 0.4482,
0.4193


 4.7853, 0.5564,
0.4436

 90.2834, 0.4374,
0.4134

 2.1219, 0.5764,
0.4236

 116.6607, 0.4280,
0.4080

 0.6769, 0.6178,
0.3822

 147.7320, 0.4198,
0.4032

 0.0000, 1.0000,
0.0000

 183.8817, 0.4127,


 0.0000, 0.0000,


0.3989

0.0000


 225.4942, 0.4064,
0.3949


 24.0264, 0.4927,
0.4395

 24.0264, 0.4927,
0.4395


 22.5675, 0.5057,
0.4367

 25.8725, 0.4752,
0.4388

 27.9011, 0.4550,
0.4331

 30.1237, 0.4331,
0.4232

 32.5497, 0.4107,
0.4101

 35.1872, 0.3886,
0.3949

■ 38.0439, 0.3677,
0.3788

■ 41.1267, 0.3483,
0.3624

■ 44.4423, 0.3307,
0.3464

■ 47.9970, 0.3148,
0.3310

Harmonies

Analogous

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



24.0264, 0.5216, 0.3659



24.0264, 0.4927, 0.4395



24.0264, 0.4175, 0.5072

Triad

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



24.0264, 0.4927, 0.4395



24.0264, 0.1650, 0.3317



24.0264, 0.2717, 0.1942

Complementary

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



24.0264, 0.4927, 0.4395



9.3384, 0.1734, 0.1369

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.



24.0264, 0.1927, 0.1768



24.0264, 0.4927, 0.4395



24.0264, 0.1403, 0.2360

Square

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



24.0264, 0.4927, 0.4395



24.0264, 0.2292, 0.4563



24.0264, 0.1501, 0.1880



24.0264, 0.3803, 0.2366

Rectangle

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



24.0264, 0.4927, 0.4395



24.0264, 0.3549, 0.5302



24.0264, 0.1501, 0.1880



24.0264, 0.2413, 0.1854

Sweetspot

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



24.0276, 0.4927, 0.4395



70.2737, 0.3599, 0.3724



11.2716, 0.5194, 0.2703



14.7556, 0.3666, 0.3779



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.0276, 0.4927, 0.4395



39.9633, 0.5074, 0.4353



42.7542, 0.3988, 0.5166



9.9168, 0.3273, 0.3432



15.5139, 0.5043, 0.4378



0.6621, 0.4771, 0.4594

Inverse Universe

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



9.3384, 0.1734, 0.1369



13.7068, 0.1659, 0.1172



4.2408, 0.1607, 0.0706



9.2616, 0.2985, 0.3144



5.4994, 0.1673, 0.1224



0.3147, 0.1823, 0.1762

Previews

White Background



This preview shows how the Yxy color 24.0264, 0.4927, 0.4395 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 24.0264, 0.4927, 0.4395 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 24.0264, 0.4927, 0.4395

Background



This preview shows how black text looks on a background with the Yxy color 24.0264, 0.4927, 0.4395.



This preview shows how white text looks on a background with the Yxy color 24.0264, 0.4927, 0.4395.

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

24.0264, 0.4927, 0.4395

Protanopia

24.0575, 0.4349, 0.4810

Deuteranopia

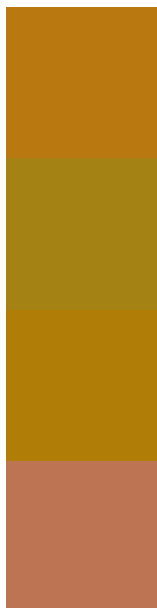
24.1007, 0.4712, 0.4631



Tritanopia

24.1379, 0.4032, 0.3182

Trichromacy



Original Color

24.0264, 0.4927, 0.4395

Protanomaly

23.9048, 0.4562, 0.4659

Deuteranomaly

23.9127, 0.4799, 0.4540

Tritanomaly

23.8067, 0.4486, 0.3742

Monochromacy



Original Color

24.0264, 0.4927, 0.4395

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.7449, 0.3880, 0.3934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0264, 0.4927, 0.4395 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(185, 121, 16)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 16)  
}
```

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(185, 121, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 16) }
```

Border

The CSS property to change the border of an element to Yxy 24.0264, 0.4927, 0.4395 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(185, 121, 16) }
```

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

```
.border{ border-color:rgb(185, 121, 16) }
```

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

Here you see how a box with a 4 pixel rgb(185, 121, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 16);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0264, 0.4927, 0.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 16) }
```

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

```
.background{ background-color: rgb(185,  
121, 16) }
```

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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