

Converting Colors

$Y_{xy}(28.7924, 0.4198, 0.3938)$

Have a look what the booklet for
Yxy(28.7924, 0.4198, 0.3938)
contains.

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Color

Yxy(28.9438, 0.4197, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	B9895A
RGB	185, 137, 90
RGB Percent	73%, 54%, 35%
CMY	0.2745, 0.4627, 0.6469
CMYK	0.00, 0.26, 0.51, 0.27
HSL	30°, 40%, 54%
HSV	30°, 51%, 73%
XYZ	30.8005, 28.9438, 13.6426
YIQ	145.9940, 43.6950, -4.4410

Conversions

Conversions Part 2

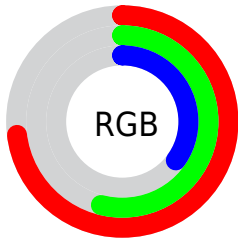
Format	Color
R_{YB}	185, 183, 90
Decimal	12159322
CIE Lab	60.73, 12.69, 32.22
CIE LCh	61, 34.628, 68.498
Yxy	28.9438, 0.4197, 0.3944
Android (android.graphics.Color)	4290349402 (0xFFB9895A)
YUV	145.9940, -27.6050, 34.2083
Hunter-Lab	53.7994, 8.0432, 22.6247

Details

The Yxy color $28.9438, 0.4197, 0.3944$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $23.8646, 0.2316, 0.2505$, and the grayscale version is $28.8457, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8047, 0.3981, 0.3824$, and $11.6579, 0.4540, 0.4103$ is the 20% darker color. If you saturate the color by 10%, you get $26.1239, 0.4468, 0.4048$, and if you desaturate by 10%, it is $32.0753, 0.3941, 0.3821$.

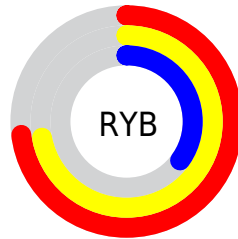
Distribution



Red (73%)

Green (54%)

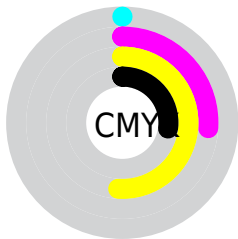
Blue (35%)



Red (73%)

Yellow (72%)

Blue (35%)

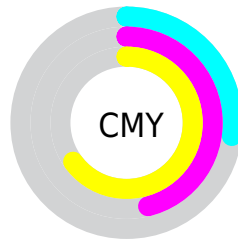


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9438, 0.4197, 0.3944 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 28.9438, 0.4197, 0.3944 by changing the saturation by 10% instead.


 28.9438, 0.4197,
0.3944


 28.9438, 0.4197,
0.3944


296.9497, 0.3624,
0.3618

 19.0383, 0.4348,
0.4019


 57.9878, 0.3982,
0.3829


 11.6980, 0.4544,
0.4107


 77.8951, 0.3903,
0.3784

 6.5384, 0.4803,
0.4207


 101.9051, 0.3837,
0.3746

 3.1751, 0.5264,
0.4395

 130.4022, 0.3781,
0.3713

 1.2238, 0.5653,
0.4347

163.7708, 0.3733,
0.3685

 0.0810, 0.8268,
0.1732


202.3953, 0.3692,


 0.0000, 0.0000,


0.3660

0.0000

246.6602, 0.3656,
0.3638


 28.9438, 0.4197,
0.3944


 28.9438, 0.4197,
0.3944


 26.1239, 0.4468,
0.4048

 32.0753, 0.3941,
0.3821


 23.5997, 0.4744,
0.4121

 35.5252, 0.3706,
0.3690

 21.3598, 0.5009,
0.4152

 39.3051, 0.3496,
0.3558

 19.3898, 0.5244,
0.4130

 43.4248, 0.3310,
0.3428

 17.8823, 0.5423,
0.4076

 47.8935, 0.3147,
0.3306

■ 52.7200, 0.3005,
0.3191

■ 57.9129, 0.2882,
0.3085

■ 63.4803, 0.2774,
0.2988

■ 69.3310, 0.2688,
0.2914

Harmonies

Analogous

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



28.9438, 0.4235, 0.3518



28.9438, 0.4197, 0.3944



28.9438, 0.3859, 0.4255

Triad

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



28.9438, 0.4197, 0.3944



28.9438, 0.2357, 0.3443



28.9438, 0.2834, 0.2467

Complementary

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



28.9438, 0.4197, 0.3944



23.8646, 0.2316, 0.2505

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.



28.9438, 0.2388, 0.2400



28.9438, 0.4197, 0.3944



28.9438, 0.2133, 0.2900

Square

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



28.9438, 0.4197, 0.3944



28.9438, 0.2792, 0.3995



28.9438, 0.2146, 0.2539



28.9438, 0.3405, 0.2710

Rectangle

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



28.9438, 0.4197, 0.3944



28.9438, 0.3525, 0.4325



28.9438, 0.2146, 0.2539



28.9438, 0.2666, 0.2423

Sweetspot

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



28.9452, 0.4197, 0.3944



74.8119, 0.3380, 0.3478



19.4992, 0.3800, 0.2615



15.7953, 0.3419, 0.3505



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.



28.9452, 0.4197, 0.3944



45.9907, 0.4515, 0.4063



45.0945, 0.3876, 0.4496



9.7261, 0.3276, 0.3403



12.3211, 0.5404, 0.4091



0.5582, 0.5012, 0.4402

Inverse Universe

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



23.8646, 0.2316, 0.2505



35.8473, 0.2147, 0.2285



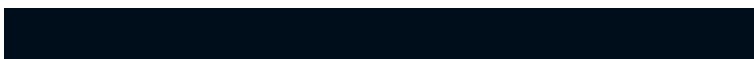
13.2656, 0.2161, 0.1709



9.4495, 0.2985, 0.3174



7.9224, 0.1783, 0.1618



0.4029, 0.1913, 0.2085

Previews

White Background



This preview shows how the Yxy color 28.9438, 0.4197, 0.3944 looks on a white background.

Color Contrast Check

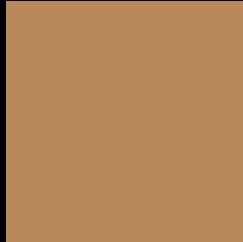
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9438, 0.4197, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

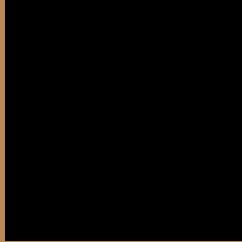
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9438, 0.4197, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 28.9438, 0.4197, 0.3944.



This preview shows how white text looks on a background with the Yxy color 28.9438, 0.4197, 0.3944.

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

28.9438, 0.4197, 0.3944

Protanopia

29.1492, 0.3802, 0.4112

Deuteranopia

28.9424, 0.4105, 0.4022



Tritanopia

28.9745, 0.3690, 0.3153

Trichromacy



Original Color

28.9438, 0.4197, 0.3944

Protanomaly

28.8703, 0.3940, 0.4039

Deuteranomaly

29.0103, 0.4147, 0.3998

Tritanomaly

28.8716, 0.3896, 0.3446

Monochromacy



Original Color

28.9438, 0.4197, 0.3944

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6249, 0.3489, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9438, 0.4197, 0.3944 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, 137, 90)` looks like.

```
.text, #text, p{  
    color:rgb(185, 137, 90)  
}
```

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, 137, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 137, 90) }
```

Border

The CSS property to change the border of an element to Yxy 28.9438, 0.4197, 0.3944 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, 137, 90) }
```

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

```
.border{ border-color:rgb(185, 137, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 137, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 137, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 137, 90);  
box-shadow:4px 4px 4px 4px rgb(185, 137,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9438, 0.4197, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 137, 90) }
```

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

```
.background{ background-color: rgb(185,  
137, 90) }
```

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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