

Converting Colors

$Y_{xy}(27.3655, 0.3928, 0.3477)$

Have a look what the booklet for
Yxy(27.3655, 0.3928, 0.3477)
contains.

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Color

Yxy(27.4400, 0.3924, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	B88275
RGB	184, 130, 117
RGB Percent	72%, 51%, 46%
CMY	0.2785, 0.4902, 0.5411
CMYK	0.00, 0.29, 0.36, 0.28
HSL	12°, 32%, 59%
HSV	12°, 36%, 72%
XYZ	30.9588, 27.4400, 20.4972
YIQ	144.6640, 36.3570, 7.4050

Conversions

Conversions Part 2

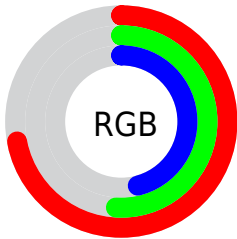
Format	Color
RYB	184, 133, 117
Decimal	12092021
CIELab	59.38, 19.11, 15.34
CIElCh	59, 24.506, 38.756
Yxy	27.4400, 0.3924, 0.3478
Android (android.graphics.Color)	4290282101 (0xFFB88275)
YUV	144.6640, -13.6384, 34.4977
Hunter-Lab	52.3832, 13.8239, 13.4685

Details

The Yxy color **27.4400, 0.3924, 0.3478** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3635, 0.2596, 0.3091**, and the grayscale version is **28.2181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4323, 0.3753, 0.3446**, and **10.8341, 0.4210, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **23.3854, 0.4248, 0.3529**, and if you desaturate by 10%, it is **32.1508, 0.3650, 0.3424**.

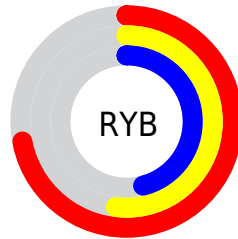
Distribution



Red (72%)

Green (51%)

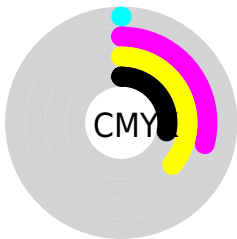
Blue (46%)



Red (72%)

Yellow (52%)

Blue (46%)

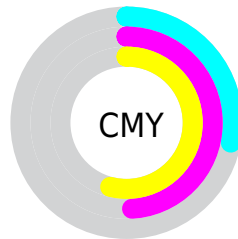


Cyan (0%)

Magenta (29%)

Yellow (36%)

Black (28%)



Cyan (28%)


Magenta (49%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4400, 0.3924, 0.3478 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 27.4400, 0.3924, 0.3478 by changing the saturation by 10% instead.


 27.4400, 0.3924,
0.3478


 27.4400, 0.3924,
0.3478


289.7813, 0.3486,
0.3388


 17.9040, 0.4047,
0.3497


 55.5891, 0.3755,
0.3447

 10.8811, 0.4215,
0.3519


 74.9710, 0.3695,
0.3435

 5.9869, 0.4453,
0.3542

 98.4036, 0.3645,
0.3424

 2.8371, 0.4818,
0.3557

126.2713, 0.3603,
0.3415

 1.0473, 0.5934,
0.3852

158.9585, 0.3567,
0.3407

 0.0000, 1.0000,
0.0000

196.8497, 0.3537,

 0.0000, 0.0000,

0.3400

0.0000

240.3291, 0.3510,
0.3394

■ 27.4400, 0.3924,
0.3478

■ 27.4400, 0.3924,
0.3478

■ 23.3854, 0.4248,
0.3529

■ 32.1508, 0.3650,
0.3424

■ 19.9537, 0.4618,
0.3570

■ 37.5411, 0.3421,
0.3371

■ 17.1149, 0.5024,
0.3595

■ 43.6380, 0.3231,
0.3321

■ 14.8347, 0.5436,
0.3593


■ 50.4660, 0.3074,
0.3274

■ 13.0750, 0.5810,
0.3559


■ 58.0483, 0.2944,
0.3230

 11.7922, 0.6099,
0.3492

 66.4071, 0.2836,
0.3191

 11.4331, 0.6187,
0.3470

 75.5636, 0.2745,
0.3156

 84.9316, 0.2714,
0.3220

 88.9287, 0.2721,
0.3289

Harmonies

Analogous

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



27.4400, 0.3712, 0.3148



27.4400, 0.3924, 0.3478



27.4400, 0.3903, 0.3787

Triad

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



27.4400, 0.3924, 0.3478



27.4400, 0.2888, 0.3782



27.4400, 0.2587, 0.2630

Complementary

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



27.4400, 0.3924, 0.3478



36.3635, 0.2596, 0.3091

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.



27.4400, 0.2400, 0.2744



27.4400, 0.3924, 0.3478



27.4400, 0.2564, 0.3403

Square

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



27.4400, 0.3924, 0.3478



27.4400, 0.3291, 0.4004



27.4400, 0.2391, 0.3017



27.4400, 0.2923, 0.2678

Rectangle

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



27.4400, 0.3924, 0.3478



27.4400, 0.3765, 0.3942



27.4400, 0.2391, 0.3017



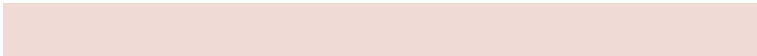
27.4400, 0.2506, 0.2650

Sweetspot

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



27.4413, 0.3924, 0.3478



73.6708, 0.3317, 0.3344



25.8810, 0.3304, 0.2549



15.5641, 0.3343, 0.3351



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.



27.4413, 0.3924, 0.3478



43.5446, 0.4190, 0.3521



37.5887, 0.3761, 0.3923



9.2869, 0.3283, 0.3335



7.9614, 0.6168, 0.3485



0.3658, 0.5694, 0.3861

Inverse Universe

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



36.3635, 0.2596, 0.3091



62.1433, 0.2490, 0.3037



25.4827, 0.2523, 0.2560



9.9064, 0.2985, 0.3245



17.1430, 0.2074, 0.2664



0.6813, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 27.4400, 0.3924, 0.3478 looks on a white background.

Color Contrast Check

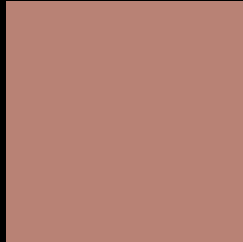
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4400, 0.3924, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

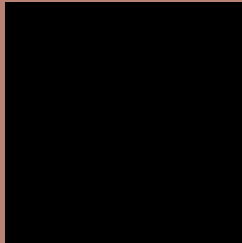
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4400, 0.3924, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 27.4400, 0.3924, 0.3478.



This preview shows how white text looks on a background with the Yxy color 27.4400, 0.3924, 0.3478.

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

27.4400, 0.3924, 0.3478

Protanopia

27.5590, 0.3408, 0.3616

Deuteranopia

27.6534, 0.3697, 0.3629



Tritanopia

27.4240, 0.3717, 0.3151

Trichromacy



Original Color

27.4400, 0.3924, 0.3478

Protanomaly

27.2388, 0.3583, 0.3557

Deuteranomaly

27.4731, 0.3782, 0.3576

Tritanomaly

27.3643, 0.3787, 0.3264

Monochromacy



Original Color

27.4400, 0.3924, 0.3478

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8764, 0.3390, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4400, 0.3924, 0.3478 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(184, 130, 117)` looks like.

```
.text, #text, p{  
    color:rgb(184, 130, 117)  
}
```

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(184, 130, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 130, 117) }
```

Border

The CSS property to change the border of an element to Yxy 27.4400, 0.3924, 0.3478 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(184, 130, 117) }
```

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

```
.border{ border-color:rgb(184, 130, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 130, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 130, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 130, 117);  
box-shadow:4px 4px 4px 4px rgb(184, 130,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4400, 0.3924, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 130, 117) }
```

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

```
.background{ background-color: rgb(184,  
130, 117) }
```

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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