

Converting Colors

$Y_{xy}(29.8116, 0.3833, 0.3524)$

Have a look what the booklet for
Yxy(29.8116, 0.3833, 0.3524)
contains.

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Color

Yxy(29.7724, 0.3826, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	B88A7A
RGB	184, 138, 122
RGB Percent	72%, 54%, 48%
CMY	0.2784, 0.4588, 0.5214
CMYK	0.00, 0.25, 0.34, 0.28
HSL	15°, 30%, 60%
HSV	15°, 34%, 72%
XYZ	32.3698, 29.7724, 22.4626
YIQ	149.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

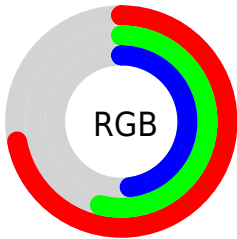
Format	Color
RYB	184, 144, 122
Decimal	12094074
CIELab	61.46, 15.30, 15.37
CIElCh	61, 21.689, 45.129
Yxy	29.7724, 0.3826, 0.3519
Android (android.graphics.Color)	4290284154 (0xFFB88A7A)
YUV	149.9300, -13.7695, 29.8794
Hunter-Lab	54.5641, 10.4067, 13.7868

Details

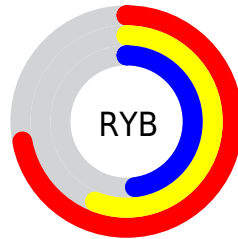
The Yxy color $29.7724, 0.3826, 0.3519$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.6159, 0.2625, 0.3046$, and the grayscale version is $30.5186, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4560, 0.3683, 0.3489$, and $12.2063, 0.4084, 0.3587$ is the 20% darker color. If you saturate the color by 10%, you get $25.6841, 0.4121, 0.3588$, and if you desaturate by 10%, it is $34.4427, 0.3574, 0.3448$.

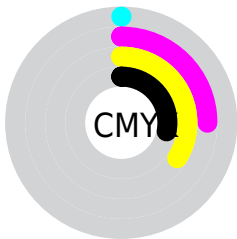
Distribution



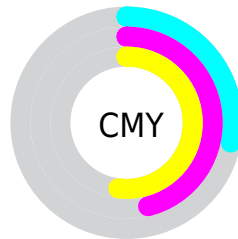
- Red (72%)
- Green (54%)
- Blue (48%)



- Red (72%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (28%)





- Cyan (28%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7724, 0.3826, 0.3519 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 29.7724, 0.3826, 0.3519 by changing the saturation by 10% instead.


 29.7724, 0.3826,
0.3519


 29.7724, 0.3826,
0.3519


300.8421, 0.3447,
0.3406


 19.6659, 0.3931,
0.3546


 59.3021, 0.3681,
0.3479

 12.1524, 0.4072,
0.3579


 79.4940, 0.3629,
0.3463

 6.8476, 0.4271,
0.3619


 103.8165, 0.3586,
0.3450

 3.3670, 0.4570,
0.3665

132.6541, 0.3549,
0.3439

 1.3262, 0.5265,
0.3846

166.3910, 0.3518,
0.3429

 0.1613, 0.7656,
0.2344

205.4117, 0.3491,

 0.0000, 0.0000,

0.3420

0.0000

250.1006, 0.3468,
0.3413

■ 29.7724, 0.3826,
0.3519

■ 29.7724, 0.3826,
0.3519

■ 25.6841, 0.4121,
0.3588

■ 34.4427, 0.3574,
0.3448

■ 22.1506, 0.4458,
0.3649

■ 39.7125, 0.3362,
0.3379

■ 19.1484, 0.4831,
0.3692


■ 45.6040, 0.3185,
0.3313


■ 16.6509, 0.5218,
0.3708


■ 52.1366, 0.3036,
0.3252

■ 14.6289, 0.5587,
0.3686

■ 59.3292, 0.2912,
0.3196


 13.0498, 0.5897,
0.3622

 67.1998, 0.2807,
0.3145

 12.2573, 0.6059,
0.3571

 75.7656, 0.2719,
0.3099

 84.0925, 0.2712,
0.3205

 88.9302, 0.2721,
0.3289

Harmonies

Analogous

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



29.7724, 0.3683, 0.3229



29.7724, 0.3826, 0.3519



29.7724, 0.3767, 0.3772

Triad

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



29.7724, 0.3826, 0.3519



29.7724, 0.2855, 0.3649



29.7724, 0.2713, 0.2714

Complementary

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



29.7724, 0.3826, 0.3519



35.6159, 0.2625, 0.3046

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.



29.7724, 0.2517, 0.2786



29.7724, 0.3826, 0.3519



29.7724, 0.2595, 0.3316

Square

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



29.7724, 0.3826, 0.3519



29.7724, 0.3197, 0.3875



29.7724, 0.2475, 0.2998



29.7724, 0.3026, 0.2781

Rectangle

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



29.7724, 0.3826, 0.3519



29.7724, 0.3627, 0.3883



29.7724, 0.2475, 0.2998



29.7724, 0.2632, 0.2722

Sweetspot

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



29.7738, 0.3826, 0.3519



75.6104, 0.3296, 0.3355



26.9629, 0.3334, 0.2656



15.9865, 0.3322, 0.3364



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.



29.7738, 0.3826, 0.3519



48.6831, 0.4027, 0.3568



39.7890, 0.3690, 0.3928



9.3785, 0.3281, 0.3350



8.5469, 0.6038, 0.3588



0.4045, 0.5522, 0.3998

Inverse Universe

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



35.6159, 0.2625, 0.3046



60.7813, 0.2529, 0.2987



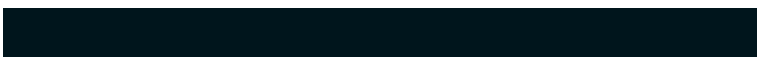
25.6408, 0.2563, 0.2557



9.8082, 0.2985, 0.3230



14.7514, 0.2012, 0.2444



0.6138, 0.2080, 0.2687

Previews

White Background



This preview shows how the Yxy color 29.7724, 0.3826, 0.3519 looks on a white background.

Color Contrast Check

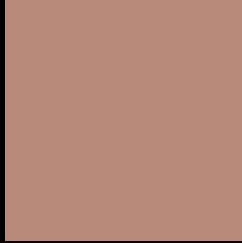
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7724, 0.3826, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

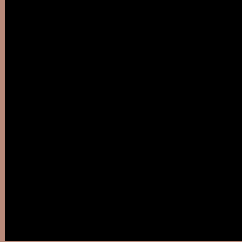
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7724, 0.3826, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 29.7724, 0.3826, 0.3519.



This preview shows how white text looks on a background with the Yxy color 29.7724, 0.3826, 0.3519.

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

29.7724, 0.3826, 0.3519

Protanopia

29.7800, 0.3420, 0.3620

Deuteranopia

29.9096, 0.3690, 0.3618



Tritanopia

29.8114, 0.3597, 0.3152

Trichromacy



Original Color

29.7724, 0.3826, 0.3519

Protanomaly

29.5342, 0.3564, 0.3580

Deuteranomaly

29.7773, 0.3744, 0.3584

Tritanomaly

29.7287, 0.3674, 0.3278

Monochromacy



Original Color

29.7724, 0.3826, 0.3519

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.1326, 0.3357, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7724, 0.3826, 0.3519 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, 138, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 138, 122)  
}
```

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, 138, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 138, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.7724, 0.3826, 0.3519 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, 138, 122) }
```

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

```
.border{ border-color:rgb(184, 138, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 138, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 138, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 138, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 138,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7724, 0.3826, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 138, 122) }
```

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

```
.background{ background-color: rgb(184,  
138, 122) }
```

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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