

Converting Colors

$Y_{xy}(30.5702, 0.3803, 0.3554)$

Have a look what the booklet for
Yxy(30.5702, 0.3803, 0.3554)
contains.

Yxy(30.6452, 0.3812, 0.3561)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.6452, 0.3812, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	B88D7A
RGB	184, 141, 122
RGB Percent	72%, 55%, 48%
CMY	0.2785, 0.4470, 0.5215
CMYK	0.00, 0.23, 0.34, 0.28
HSL	18°, 30%, 60%
HSV	18°, 34%, 72%
XYZ	32.8053, 30.6452, 22.6074
YIQ	151.6910, 31.7270, 3.2070

Conversions

Conversions Part 2

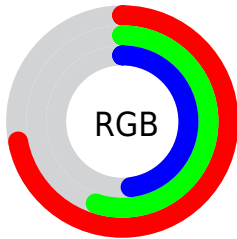
Format	Color
RYB	184, 149, 122
Decimal	12094842
CIELab	62.21, 13.63, 16.41
CIELCh	62, 21.332, 50.287
Yxy	30.6452, 0.3812, 0.3561
Android (android.graphics.Color)	4290284922 (0xFFB88D7A)
YUV	151.6910, -14.6377, 28.3350
Hunter-Lab	55.3581, 8.9025, 14.5376

Details

The Yxy color **30.6452, 0.3812, 0.3561** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5171, 0.2619, 0.3000**, and the grayscale version is **31.3146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7870, 0.3674, 0.3521**, and **12.7090, 0.4058, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **26.6826, 0.4095, 0.3643**, and if you desaturate by 10%, it is **35.1310, 0.3568, 0.3477**.

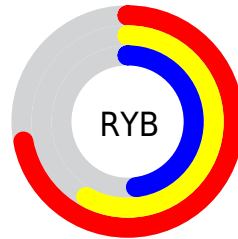
Distribution



Red (72%)

Green (55%)

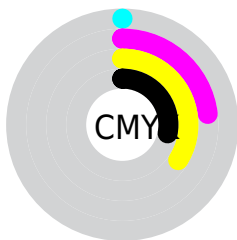
Blue (48%)



Red (72%)

Yellow (58%)

Blue (48%)

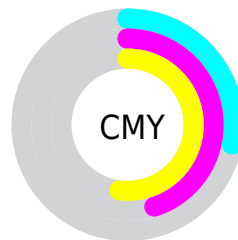


Cyan (0%)

Magenta (23%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (45%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6452, 0.3812, 0.3561 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 30.6452, 0.3812, 0.3561 by changing the saturation by 10% instead.


 30.6452, 0.3812,
0.3561


 30.6452, 0.3812,
0.3561


304.9004, 0.3443,
0.3425


 20.3288, 0.3913,
0.3594


 60.6810, 0.3671,
0.3512

 12.6343, 0.4049,
0.3635


 81.1693, 0.3620,
0.3494

 7.1772, 0.4239,
0.3686


 105.8170, 0.3578,
0.3478

 3.5732, 0.4523,
0.3749

135.0085, 0.3543,
0.3464

 1.4378, 0.5162,
0.3948

169.1281, 0.3512,
0.3453

 0.2443, 0.6981,
0.3019

208.5604, 0.3486,

 0.0000, 0.0000,


0.3443


0.0000


253.6897, 0.3463,
0.3433


 30.6452, 0.3812,
0.3561

 30.6452, 0.3812,
0.3561


 26.6826, 0.4095,
0.3643

 35.1310, 0.3568,
0.3477


 23.2192, 0.4417,
0.3716


 40.1541, 0.3360,
0.3395


 20.2357, 0.4769,
0.3770


 45.7335, 0.3185,
0.3317

 17.7097, 0.5134,
0.3795


 51.8858, 0.3036,
0.3245

 15.6165, 0.5484,
0.3778


 58.6271, 0.2911,
0.3179

 13.9291, 0.5784,
0.3715

 65.9728, 0.2805,
0.3118

 13.0516, 0.5946,
0.3661

 73.9375, 0.2715,
0.3063

 81.5853, 0.2708,
0.3160

 88.9297, 0.2721,
0.3289

Harmonies

Analogous

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



30.6452, 0.3706, 0.3279



30.6452, 0.3812, 0.3561



30.6452, 0.3722, 0.3794

Triad

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



30.6452, 0.3812, 0.3561



30.6452, 0.2811, 0.3588



30.6452, 0.2769, 0.2730

Complementary

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



30.6452, 0.3812, 0.3561



34.5171, 0.2619, 0.3000

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.



30.6452, 0.2555, 0.2776



30.6452, 0.3812, 0.3561



30.6452, 0.2578, 0.3258

Square

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



30.6452, 0.3812, 0.3561



30.6452, 0.3136, 0.3833



30.6452, 0.2487, 0.2962



30.6452, 0.3088, 0.2817

Rectangle

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



30.6452, 0.3812, 0.3561



30.6452, 0.3569, 0.3885



30.6452, 0.2487, 0.2962



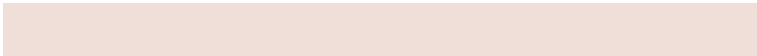
30.6452, 0.2683, 0.2730

Sweetspot

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



30.6466, 0.3812, 0.3561



76.2297, 0.3295, 0.3367



26.8472, 0.3369, 0.2695



16.1362, 0.3321, 0.3378



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.



30.6466, 0.3812, 0.3561



50.4377, 0.4006, 0.3619



40.9491, 0.3677, 0.3967



9.4488, 0.3280, 0.3361



9.1072, 0.5924, 0.3679



0.4341, 0.5405, 0.4091

Inverse Universe

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



34.5171, 0.2619, 0.3000



58.4471, 0.2520, 0.2929



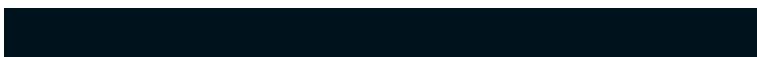
24.7672, 0.2557, 0.2506



9.7339, 0.2985, 0.3218



13.0924, 0.1965, 0.2273



0.5656, 0.2046, 0.2566

Previews

White Background



This preview shows how the Yxy color 30.6452, 0.3812, 0.3561 looks on a white background.

Color Contrast Check

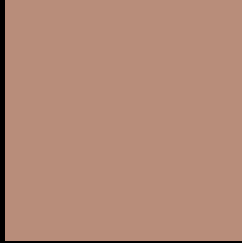
Large Text (above 18pt) WCAG AA × Fail

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 30.6452, 0.3812, 0.3561 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 ✓ Pass

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

Yxy 30.6452, 0.3812, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 30.6452, 0.3812, 0.3561.



This preview shows how white text looks on a background with the Yxy color 30.6452, 0.3812, 0.3561.

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

30.6452, 0.3812, 0.3561

Protanopia

30.7159, 0.3447, 0.3647

Deuteranopia

30.7452, 0.3704, 0.3644



Tritanopia

30.5942, 0.3569, 0.3139

Trichromacy



Original Color

30.6452, 0.3812, 0.3561

Protanomaly

30.6729, 0.3576, 0.3622

Deuteranomaly

30.7920, 0.3742, 0.3625

Tritanomaly

30.4801, 0.3656, 0.3278

Monochromacy



Original Color

30.6452, 0.3812, 0.3561

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9954, 0.3365, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6452, 0.3812, 0.3561 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, 141, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 141, 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, 141, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 141, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.6452, 0.3812, 0.3561 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, 141, 122) }
```

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

```
.border{ border-color:rgb(184, 141, 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, 141, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 141, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 141, 122); box-shadow:4px 4px 4px 4px rgb(184, 141, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6452, 0.3812, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 141, 122) }
```

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

```
.background{ background-color: rgb(184,  
141, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor