

Converting Colors

$Y_{xy}(30.1209, 0.3836, 0.3514)$

Have a look what the booklet for
Yxy(30.1209, 0.3836, 0.3514)
contains.

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Color

Yxy(30.0461, 0.3838, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	BA8A7B
RGB	186, 138, 123
RGB Percent	73%, 54%, 48%
CMY	0.2705, 0.4589, 0.5176
CMYK	0.00, 0.26, 0.34, 0.27
HSL	14°, 31%, 61%
HSV	14°, 34%, 73%
XYZ	32.9195, 30.0461, 22.8069
YIQ	150.6420, 33.4230, 5.5110

Conversions

Conversions Part 2

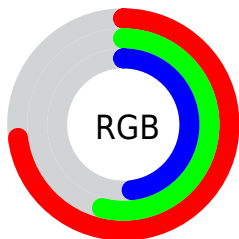
Format	Color
R _Y B	186, 143, 123
Decimal	12225147
CIE Lab	61.69, 16.25, 15.18
CIE LCh	62, 22.234, 43.051
Yxy	30.0461, 0.3838, 0.3503
Android (android.graphics.Color)	4290415227 (0xFFBA8A7B)
YUV	150.6420, -13.6275, 31.0090
Hunter-Lab	54.8143, 11.2755, 13.7009

Details

The Yxy color **30.0461, 0.3838, 0.3503** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9042, 0.2624, 0.3064**, and the grayscale version is **30.8367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8491, 0.3691, 0.3476**, and **12.2992, 0.4083, 0.3565** is the 20% darker color. If you saturate the color by 10%, you get **25.8182, 0.4139, 0.3567**, and if you desaturate by 10%, it is **34.8967, 0.3582, 0.3437**.

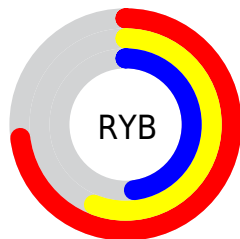
Distribution



Red (73%)

Green (54%)

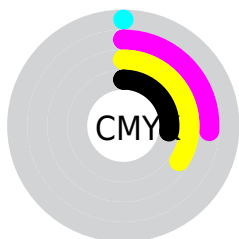
Blue (48%)



Red (73%)

Yellow (56%)

Blue (48%)

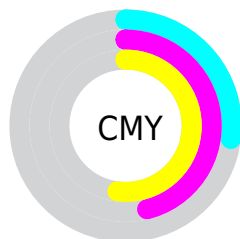


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0461, 0.3838, 0.3503 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 30.0461, 0.3838, 0.3503 by changing the saturation by 10% instead.


 30.0461, 0.3838,
0.3503


 30.0461, 0.3838,
0.3503


302.1193, 0.3453,
0.3399


 19.8736, 0.3944,
0.3527

 59.7351, 0.3691,
0.3466

 12.3032, 0.4087,
0.3556


 80.0203, 0.3638,
0.3452

 6.9505, 0.4288,
0.3591


 104.4453, 0.3594,
0.3440

 3.4312, 0.4591,
0.3629

133.3943, 0.3557,
0.3429

 1.3608, 0.5260,
0.3774

167.2518, 0.3525,
0.3420

 0.1875, 0.7540,
0.2460

206.4022, 0.3498,

 0.0000, 0.0000,

0.3412

0.0000

251.2299, 0.3474,
0.3405

■ 30.0461, 0.3838,
0.3503

■ 30.0461, 0.3838,
0.3503

■ 25.8182, 0.4139,
0.3567

■ 34.8967, 0.3582,
0.3437

■ 22.1833, 0.4484,
0.3622

■ 40.3898, 0.3367,
0.3373

■ 19.1156, 0.4866,
0.3661


■ 46.5494, 0.3188,
0.3312

■ 16.5855, 0.5262,
0.3673


■ 53.3971, 0.3039,
0.3256


■ 14.5608, 0.5638,
0.3648

■ 60.9533, 0.2914,
0.3204


 13.0053, 0.5948,
0.3583

 69.2379, 0.2810,
0.3157

 12.2605, 0.6104,
0.3536

 78.2696, 0.2721,
0.3115

 86.9345, 0.2728,
0.3251

 89.1830, 0.2731,
0.3289

Harmonies

Analogous

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



30.0461, 0.3679, 0.3207



30.0461, 0.3838, 0.3503



30.0461, 0.3792, 0.3767

Triad

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



30.0461, 0.3838, 0.3503



30.0461, 0.2871, 0.3678



30.0461, 0.2685, 0.2702

Complementary

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



30.0461, 0.3838, 0.3503



36.9042, 0.2624, 0.3064

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.



30.0461, 0.2496, 0.2785



30.0461, 0.3838, 0.3503



30.0461, 0.2598, 0.3340

Square

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



30.0461, 0.3838, 0.3503



30.0461, 0.3223, 0.3898



30.0461, 0.2465, 0.3011



30.0461, 0.2998, 0.2762

Rectangle

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



30.0461, 0.3838, 0.3503



30.0461, 0.3656, 0.3887



30.0461, 0.2465, 0.3011



30.0461, 0.2606, 0.2713

Sweetspot

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



30.0475, 0.3838, 0.3503



77.1794, 0.3297, 0.3350



27.5647, 0.3324, 0.2639



16.6567, 0.3323, 0.3359



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



30.0475, 0.3838, 0.3503



48.3695, 0.4069, 0.3553



40.3335, 0.3698, 0.3919



9.3495, 0.3282, 0.3345



8.3444, 0.6082, 0.3553



0.3923, 0.5573, 0.3957

Inverse Universe

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



36.9042, 0.2624, 0.3064



62.7362, 0.2519, 0.3003



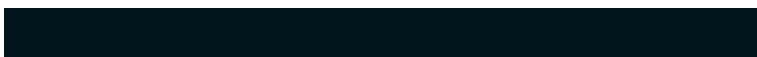
26.4611, 0.2561, 0.2568



9.8390, 0.2985, 0.3234



15.4788, 0.2032, 0.2514



0.6346, 0.2094, 0.2737

Previews

White Background



This preview shows how the Yxy color 30.0461, 0.3838, 0.3503 looks on a white background.

Color Contrast Check

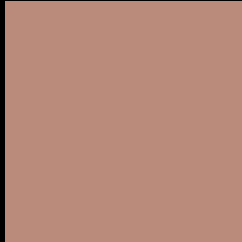
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0461, 0.3838, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

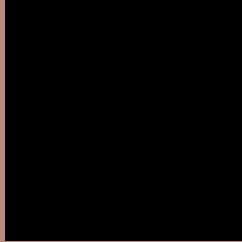
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0461, 0.3838, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 30.0461, 0.3838, 0.3503.



This preview shows how white text looks on a background with the Yxy color 30.0461, 0.3838, 0.3503.

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

30.0461, 0.3838, 0.3503

Protanopia

30.2215, 0.3418, 0.3618

Deuteranopia

29.9343, 0.3679, 0.3603



Tritanopia

30.0636, 0.3620, 0.3153

Trichromacy



Original Color

30.0461, 0.3838, 0.3503

Protanomaly

30.0820, 0.3573, 0.3578

Deuteranomaly

29.9199, 0.3745, 0.3568

Tritanomaly

29.9793, 0.3697, 0.3278

Monochromacy



Original Color

30.0461, 0.3838, 0.3503

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3734, 0.3369, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0461, 0.3838, 0.3503 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(186, 138, 123)` looks like.

```
.text, #text, p{  
    color:rgb(186, 138, 123)  
}
```

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(186, 138, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 138, 123) }
```

Border

The CSS property to change the border of an element to Yxy 30.0461, 0.3838, 0.3503 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(186, 138, 123) }
```

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

```
.border{ border-color:rgb(186, 138, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 138, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 138, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 138, 123);  
box-shadow:4px 4px 4px 4px rgb(186, 138,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0461, 0.3838, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 138, 123) }
```

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

```
.background{ background-color: rgb(186,  
138, 123) }
```

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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