

Converting Colors

$Yxy(30.7302, 0.3878, 0.3613)$

Have a look what the booklet for
Yxy(30.7302, 0.3878, 0.3613)
contains.

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Color

Yxy(30.7969, 0.3879, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	BA8D76
RGB	186, 141, 118
RGB Percent	73%, 55%, 46%
CMY	0.2706, 0.4470, 0.5372
CMYK	0.00, 0.24, 0.37, 0.27
HSL	20°, 33%, 60%
HSV	20°, 37%, 73%
XYZ	33.0460, 30.7969, 21.3491
YIQ	151.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

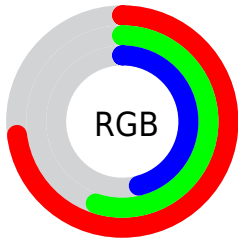
Format	Color
RYB	186, 153, 118
Decimal	12225910
CIELab	62.34, 13.93, 18.87
CIELCh	62, 23.456, 53.566
Yxy	30.7969, 0.3879, 0.3615
Android (android.graphics.Color)	4290415990 (0xFFBA8D76)
YUV	151.8330, -16.6797, 29.9645
Hunter-Lab	55.4950, 9.1765, 16.0374

Details

The Yxy color **30.7969, 0.3879, 0.3615** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6008, 0.2573, 0.2936**, and the grayscale version is **31.3873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9872, 0.3724, 0.3563**, and **12.7497, 0.4122, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **26.9672, 0.4166, 0.3703**, and if you desaturate by 10%, it is **35.1204, 0.3629, 0.3523**.

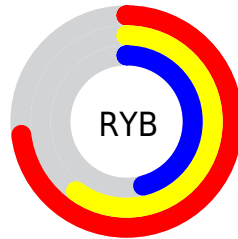
Distribution



Red (73%)

Green (55%)

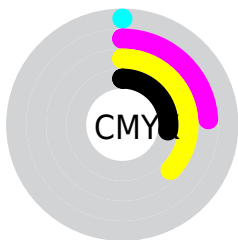
Blue (46%)



Red (73%)

Yellow (60%)

Blue (46%)

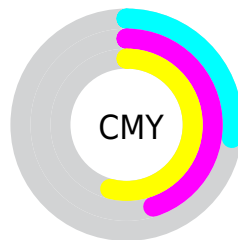


Cyan (0%)

Magenta (24%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7969, 0.3879, 0.3615 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 30.7969, 0.3879, 0.3615 by changing the saturation by 10% instead.


 30.7969, 0.3879,
0.3615


 30.7969, 0.3879,
0.3615


305.6015, 0.3474,
0.3453


 20.4442, 0.3989,
0.3654


 60.9202, 0.3725,
0.3557

 12.7184, 0.4137,
0.3702


 81.4596, 0.3669,
0.3535

 7.2349, 0.4342,
0.3762


 106.1633, 0.3623,
0.3516

 3.6094, 0.4645,
0.3833

135.4159, 0.3584,
0.3500

 1.4576, 0.5410,
0.4117

169.6016, 0.3551,
0.3486

 0.2586, 0.6938,
0.3062

209.1048, 0.3522,

 0.0000, 0.0000,

0.3473

0.0000

254.3100, 0.3497,
0.3462

■ 30.7969, 0.3879,
0.3615

■ 30.7969, 0.3879,
0.3615

■ 26.9672, 0.4166,
0.3703

■ 35.1204, 0.3629,
0.3523

■ 23.6087, 0.4486,
0.3780

■ 39.9507, 0.3414,
0.3431

■ 20.7032, 0.4830,
0.3834


■ 45.3055, 0.3232,
0.3344

■ 18.2297, 0.5180,
0.3854


■ 51.2005, 0.3076,
0.3263

■ 16.1651, 0.5506,
0.3827

■ 57.6507, 0.2945,
0.3187

 14.4828, 0.5779,
0.3753

 64.6703, 0.2833,
0.3118

 13.9805, 0.5866,
0.3724

 72.2733, 0.2737,
0.3055

 79.6876, 0.2715,
0.3121

 87.1648, 0.2728,
0.3255

Harmonies

Analogous

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



30.7969, 0.3786, 0.3310



30.7969, 0.3879, 0.3615



30.7969, 0.3757, 0.3862

Triad

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



30.7969, 0.3879, 0.3615



30.7969, 0.2745, 0.3580



30.7969, 0.2768, 0.2683

Complementary

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



30.7969, 0.3879, 0.3615



33.6008, 0.2573, 0.2936

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.



30.7969, 0.2520, 0.2715



30.7969, 0.3879, 0.3615



30.7969, 0.2507, 0.3213

Square

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



30.7969, 0.3879, 0.3615



30.7969, 0.3094, 0.3868



30.7969, 0.2428, 0.2899



30.7969, 0.3125, 0.2793

Rectangle

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



30.7969, 0.3879, 0.3615



30.7969, 0.3576, 0.3953



30.7969, 0.2428, 0.2899



30.7969, 0.2670, 0.2676

Sweetspot

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



30.7984, 0.3879, 0.3615



77.4988, 0.3313, 0.3384



26.0583, 0.3422, 0.2672



16.7766, 0.3338, 0.3396



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.



30.7984, 0.3879, 0.3615



50.0771, 0.4111, 0.3688



42.2803, 0.3718, 0.4052



9.4952, 0.3280, 0.3368



9.5313, 0.5842, 0.3743



0.4534, 0.5334, 0.4147

Inverse Universe

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



33.6008, 0.2573, 0.2936



55.8797, 0.2456, 0.2842



23.1921, 0.2496, 0.2389



9.6854, 0.2985, 0.3211



12.0793, 0.1934, 0.2161



0.5353, 0.2024, 0.2486

Previews

White Background



This preview shows how the Yxy color 30.7969, 0.3879, 0.3615 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 30.7969, 0.3879, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

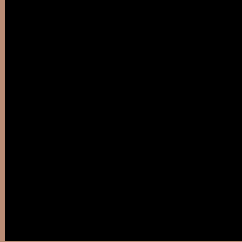
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7969, 0.3879, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 30.7969, 0.3879, 0.3615.



This preview shows how white text looks on a background with the Yxy color 30.7969, 0.3879, 0.3615.

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

30.7969, 0.3879, 0.3615

Protanopia

31.0369, 0.3495, 0.3723

Deuteranopia

30.8823, 0.3769, 0.3699



Tritanopia

30.8167, 0.3602, 0.3154

Trichromacy



Original Color

30.7969, 0.3879, 0.3615

Protanomaly

30.6829, 0.3629, 0.3681

Deuteranomaly

30.9342, 0.3808, 0.3680

Tritanomaly

30.6459, 0.3712, 0.3320

Monochromacy



Original Color

30.7969, 0.3879, 0.3615

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9658, 0.3375, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7969, 0.3879, 0.3615 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, 141, 118)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 118)  
}
```

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, 141, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 118) }
```

Border

The CSS property to change the border of an element to Yxy 30.7969, 0.3879, 0.3615 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, 141, 118) }
```

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

```
.border{ border-color:rgb(186, 141, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 141, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 141, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 141, 118);  
box-shadow:4px 4px 4px 4px rgb(186, 141,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7969, 0.3879, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 118) }
```

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

```
.background{ background-color: rgb(186,  
141, 118) }
```

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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