

Converting Colors

$Yxy(30.8888, 0.3979, 0.3709)$

Have a look what the booklet for
Yxy(30.8888, 0.3979, 0.3709)
contains.

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Color

Yxy(30.8888, 0.3979, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	BC8D6F
RGB	188, 141, 111
RGB Percent	74%, 55%, 44%
CMY	0.2627, 0.4471, 0.5647
CMYK	0.00, 0.25, 0.41, 0.26
HSL	23°, 37%, 59%
HSV	23°, 41%, 74%
XYZ	33.1374, 30.8888, 19.2545
YIQ	151.6330, 37.6420, 0.6340

Conversions

Conversions Part 2

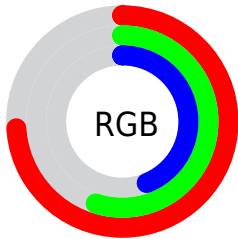
Format	Color
RYB	188, 160, 111
Decimal	12356975
CIELab	62.41, 13.92, 22.94
CIELCh	62, 26.830, 58.750
Yxy	30.8888, 0.3979, 0.3709
Android (android.graphics.Color)	4290547055 (0xFFBC8D6F)
YUV	151.6330, -20.0321, 31.8939
Hunter-Lab	55.5777, 9.1670, 18.3638

Details

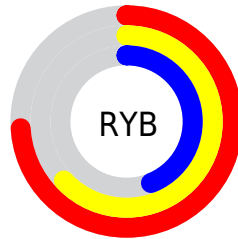
The Yxy color **30.8888, 0.3979, 0.3709** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.4751, 0.2498, 0.2822**, and the grayscale version is **31.3100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2674, 0.3806, 0.3636**, and **12.8276, 0.4264, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **27.3069, 0.4266, 0.3806**, and if you desaturate by 10%, it is **34.9118, 0.3723, 0.3604**.

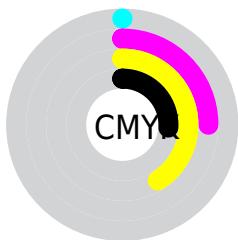
Distribution



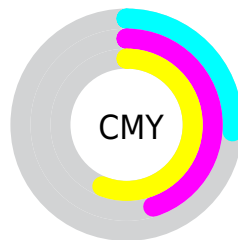
- Red (74%)
- Green (55%)
- Blue (44%)



- Red (74%)
- Yellow (63%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (41%)
- Black (26%)




- Cyan (26%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8888, 0.3979, 0.3709 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 30.8888, 0.3979, 0.3709 by changing the saturation by 10% instead.


 30.8888, 0.3979,
0.3709


 30.8888, 0.3979,
0.3709


306.0257, 0.3522,
0.3500

 20.5142, 0.4102,
0.3758


 61.0650, 0.3806,
0.3635

 12.7694, 0.4266,
0.3819


 81.6353, 0.3743,
0.3606

 7.2699, 0.4491,
0.3893


 106.3730, 0.3691,
0.3582

 3.6315, 0.4815,
0.3976

 135.6624, 0.3646,
0.3561

 1.4696, 0.5676,
0.4324

169.8880, 0.3609,
0.3543

 0.2672, 0.6896,
0.3104

209.4342, 0.3576,

 0.0000, 0.0000,

0.3527

0.0000

254.6853, 0.3547,
0.3513

■ 30.8888, 0.3979,
0.3709

■ 30.8888, 0.3979,
0.3709

■ 27.3069, 0.4266,
0.3806

■ 34.9118, 0.3723,
0.3604

■ 24.1455, 0.4579,
0.3887

■ 39.3867, 0.3500,
0.3498

■ 21.3889, 0.4904,
0.3938

■ 44.3294, 0.3307,
0.3396

■ 19.0181, 0.5222,
0.3948

■ 49.7536, 0.3142,
0.3299

■ 17.0124, 0.5508,
0.3907

■ 55.6724, 0.3000,
0.3209

■ 15.4883, 0.5728,
0.3834

■ 62.0985, 0.2879,
0.3126

■ 69.0440, 0.2775,
0.3050

■ 76.1002, 0.2719,
0.3048

■ 82.8072, 0.2731,
0.3174

Harmonies

Analogous

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



30.8888, 0.3917, 0.3368



30.8888, 0.3979, 0.3709



30.8888, 0.3797, 0.3974

Triad

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



30.8888, 0.3979, 0.3709



30.8888, 0.2633, 0.3551



30.8888, 0.2780, 0.2614

Complementary

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



30.8888, 0.3979, 0.3709



31.4751, 0.2498, 0.2822

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.



30.8888, 0.2476, 0.2618



30.8888, 0.3979, 0.3709



30.8888, 0.2395, 0.3128

Square

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



30.8888, 0.3979, 0.3709



30.8888, 0.3012, 0.3913



30.8888, 0.2340, 0.2793



30.8888, 0.3199, 0.2764

Rectangle

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



30.8888, 0.3979, 0.3709



30.8888, 0.3572, 0.4061



30.8888, 0.2340, 0.2793



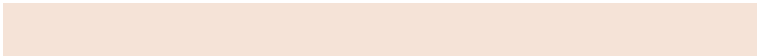
30.8888, 0.2662, 0.2597

Sweetspot

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



30.8903, 0.3979, 0.3709



79.1682, 0.3329, 0.3408



24.5492, 0.3518, 0.2646



16.7667, 0.3353, 0.3421



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.



30.8903, 0.3979, 0.3709



50.1910, 0.4231, 0.3796



44.0971, 0.3774, 0.4188



10.1293, 0.3279, 0.3380



10.6776, 0.5706, 0.3851



0.5461, 0.5262, 0.4204

Inverse Universe

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



31.4751, 0.2498, 0.2822



51.3575, 0.2371, 0.2700



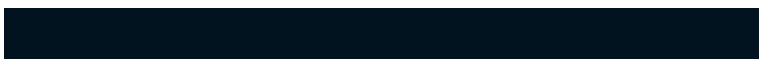
20.4412, 0.2399, 0.2194



10.1686, 0.2984, 0.3199



10.9354, 0.1883, 0.1977



0.5519, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 30.8888, 0.3979, 0.3709 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 30.8888, 0.3979, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

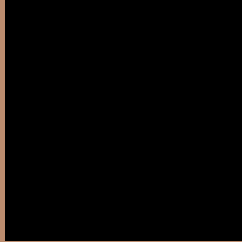
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8888, 0.3979, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 30.8888, 0.3979, 0.3709.



This preview shows how white text looks on a background with the Yxy color 30.8888, 0.3979, 0.3709.

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

30.8888, 0.3979, 0.3709

Protanopia

31.0524, 0.3597, 0.3843

Deuteranopia

30.9603, 0.3866, 0.3796



Tritanopia

30.7913, 0.3627, 0.3141

Trichromacy



Original Color

30.8888, 0.3979, 0.3709

Protanomaly

30.7403, 0.3724, 0.3783

Deuteranomaly

31.0174, 0.3905, 0.3776

Tritanomaly

30.8453, 0.3757, 0.3347

Monochromacy



Original Color

30.8888, 0.3979, 0.3709

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9853, 0.3416, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8888, 0.3979, 0.3709 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(188, 141, 111)` looks like.

```
.text, #text, p{  
    color:rgb(188, 141, 111)  
}
```

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(188, 141, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 141, 111) }
```

Border

The CSS property to change the border of an element to Yxy 30.8888, 0.3979, 0.3709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

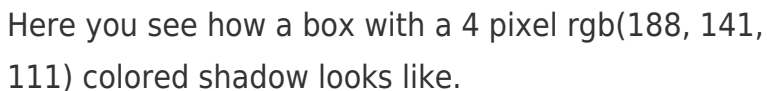
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 141, 111) }
```

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

```
.border{ border-color:rgb(188, 141, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 141, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 141, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 141, 111); box-shadow:4px 4px 4px 4px rgb(188, 141, 111) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8888, 0.3979, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 141, 111) }
```

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

```
.background{ background-color: rgb(188,  
141, 111) }
```

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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