

Converting Colors

$Yxy(41.7864, 0.3620, 0.3888)$

Have a look what the booklet for
Yxy(41.7864, 0.3620, 0.3888)
contains.

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Color

Yxy(41.7864, 0.3620, 0.3888)

Conversions

Conversions Part 1

Format	Color
Hex	B9AD81
RGB	185, 173, 129
RGB Percent	73%, 68%, 51%
CMY	0.2747, 0.3215, 0.4941
CMYK	0.00, 0.06, 0.30, 0.27
HSL	47°, 29%, 62%
HSV	47°, 30%, 73%
XYZ	38.9061, 41.7864, 26.7828
YIQ	171.5720, 21.2760, -11.1400

Conversions

Conversions Part 2

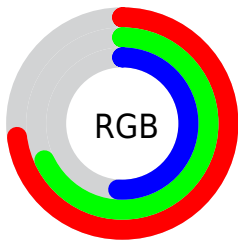
Format	Color
RYB	144, 185, 129
Decimal	12168577
CIELab	70.72, -2.56, 24.21
CIElCh	71, 24.345, 96.038
Yxy	41.7864, 0.3620, 0.3888
Android (android.graphics.Color)	4290358657 (0xFFB9AD81)
YUV	171.5720, -20.9880, 11.7764
Hunter-Lab	64.6424, -5.6911, 20.6845

Details

The Yxy color **41.7864, 0.3620, 0.3888** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.1999, 0.2622, 0.2610**, and the grayscale version is **41.1258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7414, 0.3535, 0.3774**, and **19.0646, 0.3761, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **39.8486, 0.3798, 0.4086**, and if you desaturate by 10%, it is **43.8618, 0.3447, 0.3686**.

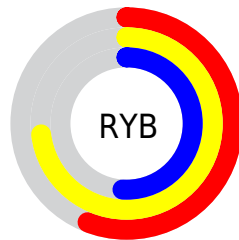
Distribution



Red (73%)

Green (68%)

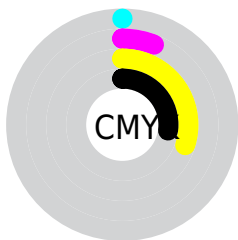
Blue (51%)



Red (56%)

Yellow (73%)

Blue (51%)

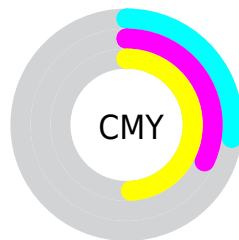


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7864, 0.3620, 0.3888 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 41.7864, 0.3620, 0.3888 by changing the saturation by 10% instead.


 41.7864, 0.3620,
0.3888


 41.7864, 0.3620,
0.3888


353.5967, 0.3372,
0.3584

 28.9341, 0.3681,
0.3965


 77.8762, 0.3530,
0.3777

 19.0310, 0.3760,
0.4063


 101.8826, 0.3496,
0.3735

 11.6926, 0.3862,
0.4193


 130.3757, 0.3468,
0.3700

 6.5348, 0.3999,
0.4372

163.7399, 0.3443,
0.3670

 3.1729, 0.4192,
0.4632

202.3598, 0.3422,
0.3644

 1.2226, 0.4705,
0.5295

246.6196, 0.3403,

 0.0801, 0.1452,

0.3621

0.8548

296.9038, 0.3387,
0.3602

0.0000, 0.0000,
0.0000

41.7864, 0.3620,
0.3888

41.7864, 0.3620,
0.3888

39.8486, 0.3798,
0.4086

43.8618, 0.3447,
0.3686

38.0374, 0.3976,
0.4272

46.0738, 0.3283,
0.3487

36.3492, 0.4148,
0.4435


48.4289, 0.3131,
0.3295

34.7777, 0.4304,
0.4566


50.9314, 0.2991,
0.3113


33.3157, 0.4439,
0.4657

53.5852, 0.2863,
0.2943


 31.9552, 0.4547,
0.4701

 56.3944, 0.2748,
0.2786

 30.7110, 0.4628,
0.4707

 59.1369, 0.2664,
0.2677

 60.9965, 0.2669,
0.2723

 62.9036, 0.2673,
0.2769

Harmonies

Analogous

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



41.7864, 0.3808, 0.3704



41.7864, 0.3620, 0.3888



41.7864, 0.3304, 0.3909

Triad

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



41.7864, 0.3620, 0.3888



41.7864, 0.2493, 0.3086



41.7864, 0.3277, 0.2899

Complementary

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



41.7864, 0.3620, 0.3888



27.1999, 0.2622, 0.2610

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.



41.7864, 0.2921, 0.2746



41.7864, 0.3620, 0.3888



41.7864, 0.2486, 0.2835

Square

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



41.7864, 0.3620, 0.3888



41.7864, 0.2660, 0.3421



41.7864, 0.2638, 0.2719



41.7864, 0.3607, 0.3143

Rectangle

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



41.7864, 0.3620, 0.3888



41.7864, 0.3068, 0.3813



41.7864, 0.2638, 0.2719



41.7864, 0.3156, 0.2835

Sweetspot

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



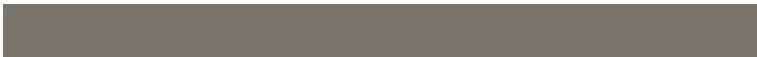
41.7883, 0.3620, 0.3888



83.0135, 0.3266, 0.3465



27.9361, 0.3649, 0.3121



17.7681, 0.3289, 0.3493



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.



41.7883, 0.3620, 0.3888



72.6509, 0.3732, 0.4014



44.7122, 0.3432, 0.4072



10.1693, 0.3269, 0.3469



21.0306, 0.4622, 0.4712



0.8239, 0.4491, 0.4816

Inverse Universe

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



27.1999, 0.2622, 0.2610



42.5224, 0.2503, 0.2440



25.2077, 0.2751, 0.2454



9.0218, 0.2984, 0.3105



3.4834, 0.1566, 0.0838



0.2140, 0.1701, 0.1323

Previews

White Background



This preview shows how the Yxy color 41.7864, 0.3620, 0.3888 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 41.7864, 0.3620, 0.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

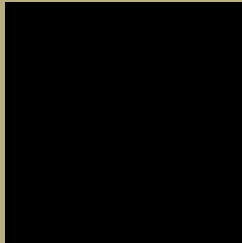
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7864, 0.3620, 0.3888

Background



This preview shows how black text looks on a background with the Yxy color 41.7864, 0.3620, 0.3888.



This preview shows how white text looks on a background with the Yxy color 41.7864, 0.3620, 0.3888.

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

41.7864, 0.3620, 0.3888

Protanopia

41.7864, 0.3620, 0.3888

Deuteranopia

41.7215, 0.3827, 0.3751



Tritanopia

41.6035, 0.3246, 0.3122

Trichromacy



Original Color

41.7864, 0.3620, 0.3888

Protanomaly

41.7864, 0.3620, 0.3888

Deuteranomaly

41.8580, 0.3745, 0.3801

Tritanomaly

41.7680, 0.3384, 0.3397

Monochromacy



Original Color

41.7864, 0.3620, 0.3888

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2525, 0.3309, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7864, 0.3620, 0.3888 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(185, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(185, 173, 129)  
}
```

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(185, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 173, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.7864, 0.3620, 0.3888 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(185, 173, 129) }
```

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

```
.border{ border-color:rgb(185, 173, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 173, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 173, 129);  
box-shadow:4px 4px 4px 4px rgb(185, 173,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7864, 0.3620, 0.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 173, 129) }
```

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

```
.background{ background-color: rgb(185,  
173, 129) }
```

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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