

Converting Colors

$Y_{xy}(42.1113, 0.3619, 0.3969)$

Have a look what the booklet for
Yxy(42.1113, 0.3619, 0.3969)
contains.

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Color

Yxy(42.0857, 0.3618, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	B6AF7D
RGB	182, 175, 125
RGB Percent	71%, 69%, 49%
CMY	0.2864, 0.3137, 0.5099
CMYK	0.00, 0.04, 0.31, 0.29
HSL	53°, 28%, 60%
HSV	53°, 31%, 71%
XYZ	38.3156, 42.0857, 25.5014
YIQ	171.3930, 20.2220, -14.0660

Conversions

Conversions Part 2

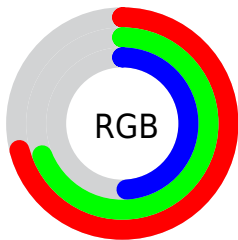
Format	Color
RYB	133, 182, 125
Decimal	11972477
CIELab	70.93, -5.34, 26.60
CIELCh	71, 27.128, 101.350
Yxy	42.0857, 0.3618, 0.3974
Android (android.graphics.Color)	4290162557 (0xFFB6AF7D)
YUV	171.3930, -22.8717, 9.3023
Hunter-Lab	64.8735, -8.1030, 22.1049

Details

The Yxy color **42.0857, 0.3618, 0.3974** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.2189, 0.2593, 0.2498**, and the grayscale version is **41.0404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1587, 0.3535, 0.3841**, and **19.2631, 0.3752, 0.4189** is the 20% darker color. If you saturate the color by 10%, you get **40.8081, 0.3780, 0.4189**, and if you desaturate by 10%, it is **43.4665, 0.3455, 0.3753**.

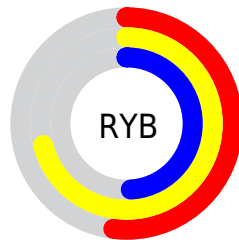
Distribution



Red (71%)

Green (69%)

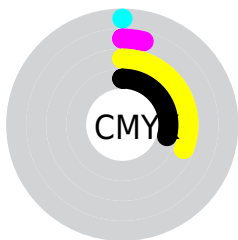
Blue (49%)



Red (52%)

Yellow (71%)

Blue (49%)

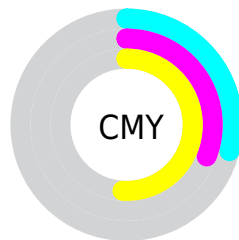


Cyan (0%)

Magenta (4%)

Yellow (31%)

Black (29%)



Cyan (29%)


Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0857, 0.3618, 0.3974 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 42.0857, 0.3618, 0.3974 by changing the saturation by 10% instead.

 42.0857, 0.3618,
0.3974

 42.0857, 0.3618,
0.3974


354.8381, 0.3373,
0.3625

 29.1684, 0.3678,
0.4062


 78.3293, 0.3530,
0.3846

 19.2083, 0.3753,
0.4176

 102.4244, 0.3497,
0.3798

 11.8209, 0.3849,
0.4326


 131.0142, 0.3468,
0.3758

 6.6218, 0.3975,
0.4532

164.4832, 0.3444,
0.3724

 3.2267, 0.4158,
0.4846

203.2157, 0.3423,
0.3694

 1.2512, 0.4521,
0.5479

247.5960, 0.3404,

 0.1030, 0.0000,

0.3668

1.0000

298.0087, 0.3388,
0.3645

0.0000, 0.0000,
0.0000

42.0857, 0.3618,
0.3974

42.0857, 0.3618,
0.3974

40.8081, 0.3780,
0.4189

43.4665, 0.3455,
0.3753

39.6232, 0.3937,
0.4387

44.9492, 0.3297,
0.3532

38.5278, 0.4080,
0.4561


46.5396, 0.3146,
0.3317


37.5161, 0.4205,
0.4699

48.2418, 0.3005,
0.3113


36.5816, 0.4306,
0.4797


50.0592, 0.2875,
0.2922


 35.7164, 0.4379,
0.4850

 51.9953, 0.2756,
0.2744

 35.0074, 0.4425,
0.4869

 54.0535, 0.2648,
0.2581

 55.1939, 0.2635,
0.2581

 56.1802, 0.2638,
0.2607

Harmonies

Analogous

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



42.0857, 0.3860, 0.3792



42.0857, 0.3618, 0.3974



42.0857, 0.3252, 0.3963

Triad

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



42.0857, 0.3618, 0.3974



42.0857, 0.2412, 0.3001



42.0857, 0.3363, 0.2900

Complementary

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



42.0857, 0.3618, 0.3974



24.2189, 0.2593, 0.2498

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.



42.0857, 0.2964, 0.2711



42.0857, 0.3618, 0.3974



42.0857, 0.2436, 0.2750

Square

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



42.0857, 0.3618, 0.3974



42.0857, 0.2565, 0.3365



42.0857, 0.2631, 0.2653



42.0857, 0.3714, 0.3181

Rectangle

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



42.0857, 0.3618, 0.3974



42.0857, 0.2991, 0.3832



42.0857, 0.2631, 0.2653



42.0857, 0.3229, 0.2824

Sweetspot

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



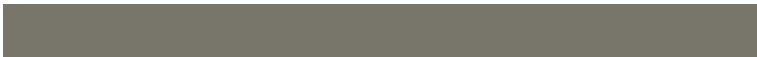
42.0876, 0.3618, 0.3974



82.1368, 0.3264, 0.3485



26.2866, 0.3731, 0.3183



18.0511, 0.3286, 0.3516



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.



42.0876, 0.3618, 0.3974



74.6215, 0.3737, 0.4133



42.5049, 0.3398, 0.4111



10.3115, 0.3267, 0.3489



24.7987, 0.4422, 0.4871



0.9272, 0.4355, 0.4924

Inverse Universe

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



24.2189, 0.2593, 0.2498



36.7885, 0.2449, 0.2276



24.1398, 0.2783, 0.2434



8.8912, 0.2984, 0.3083



2.8494, 0.1529, 0.0703



0.1583, 0.1622, 0.1038

Previews

White Background



This preview shows how the Yxy color 42.0857, 0.3618, 0.3974 looks on a white background.

Color Contrast Check

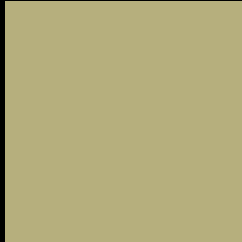
Large Text (above 18pt) WCAG AA × Fail

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 42.0857, 0.3618, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

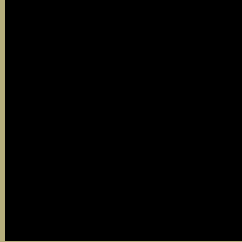
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

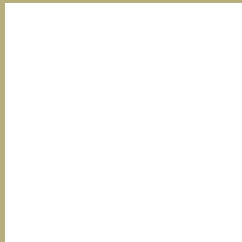
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0857, 0.3618, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 42.0857, 0.3618, 0.3974.



This preview shows how white text looks on a background with the Yxy color 42.0857, 0.3618, 0.3974.

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

42.0857, 0.3618, 0.3974

Protanopia

41.9072, 0.3684, 0.3951

Deuteranopia

41.7839, 0.3865, 0.3787



Tritanopia

42.1603, 0.3208, 0.3122

Trichromacy



Original Color

42.0857, 0.3618, 0.3974

Protanomaly

42.0416, 0.3660, 0.3968

Deuteranomaly

41.7526, 0.3781, 0.3853

Tritanomaly

42.1381, 0.3352, 0.3424

Monochromacy



Original Color

42.0857, 0.3618, 0.3974

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9521, 0.3308, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0857, 0.3618, 0.3974 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(182, 175, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 125)  
}
```

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(182, 175, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 125) }
```

Border

The CSS property to change the border of an element to Yxy 42.0857, 0.3618, 0.3974 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(182, 175, 125) }
```

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

```
.border{ border-color:rgb(182, 175, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0857, 0.3618, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 125) }
```

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

```
.background{ background-color: rgb(182,  
175, 125) }
```

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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