

Converting Colors

$Yxy(42.9671, 0.3398, 0.3620)$

Have a look what the booklet for
Yxy(42.9671, 0.3398, 0.3620)
contains.

Yxy(42.8394, 0.3394, 0.3616)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.8394, 0.3394, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	B6AF97
RGB	182, 175, 151
RGB Percent	71%, 69%, 59%
CMY	0.2862, 0.3137, 0.4079
CMYK	0.00, 0.04, 0.17, 0.29
HSL	46°, 18%, 65%
HSV	46°, 17%, 71%
XYZ	40.2093, 42.8394, 35.4231
YIQ	174.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

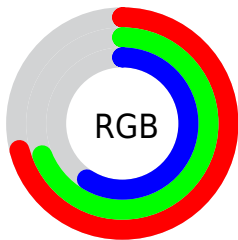
Format	Color
RYB	160, 182, 151
Decimal	11972503
CIELab	71.45, -1.57, 13.22
CIELCh	71, 13.309, 96.796
Yxy	42.8394, 0.3394, 0.3616
Android (android.graphics.Color)	4290162583 (0xFFB6AF97)
YUV	174.3570, -11.5150, 6.7029
Hunter-Lab	65.4518, -4.8819, 13.7280

Details

The Yxy color $42.8394, 0.3394, 0.3616$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.4123, 0.2858, 0.2941$, and the grayscale version is $42.5780, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1785, 0.3346, 0.3553$, and $19.7531, 0.3473, 0.3721$ is the 20% darker color. If you saturate the color by 10%, you get $40.7170, 0.3565, 0.3815$, and if you desaturate by 10%, it is $45.1057, 0.3233, 0.3422$.

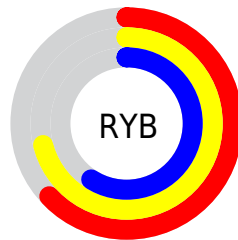
Distribution



Red (71%)

Green (69%)

Blue (59%)



Red (63%)

Yellow (71%)

Blue (59%)

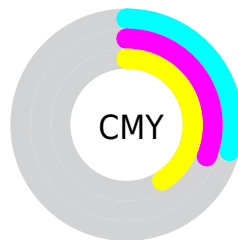


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8394, 0.3394, 0.3616 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 42.8394, 0.3394, 0.3616 by changing the saturation by 10% instead.


 42.8394, 0.3394,
0.3616


 42.8394, 0.3394,
0.3616


357.9509, 0.3259,
0.3450

 29.7591, 0.3428,
0.3658


 79.4685, 0.3345,
0.3555

 19.6558, 0.3472,
0.3713

 103.7860, 0.3326,
0.3532

 12.1451, 0.3531,
0.3786


132.6181, 0.3311,
0.3513

 6.8426, 0.3613,
0.3890

166.3492, 0.3297,
0.3497

 3.3638, 0.3736,
0.4048

205.3636, 0.3286,
0.3483

 1.3245, 0.4045,
0.4430

250.0458, 0.3276,

 0.1601, 0.4153,

0.3471

0.5847

300.7801, 0.3267,
0.3460

0.0000, 0.0000,
0.0000

42.8394, 0.3394,
0.3616

42.8394, 0.3394,
0.3616

40.7170, 0.3565,
0.3815

45.1057, 0.3233,
0.3422

38.7283, 0.3744,
0.4012

47.5146, 0.3085,
0.3236

36.8701, 0.3925,
0.4200

50.0721, 0.2949,
0.3061

35.1372, 0.4103,
0.4369

52.7821, 0.2826,
0.2899

33.5238, 0.4270,
0.4510

55.6482, 0.2715,
0.2749

■ 32.0231, 0.4417,
0.4613

■ 58.3346, 0.2644,
0.2663

■ 30.6277, 0.4539,
0.4671

■ 60.2631, 0.2649,
0.2711

■ 29.3270, 0.4632,
0.4683

■ 62.2432, 0.2654,
0.2759

■ 28.9551, 0.4658,
0.4683

■ 64.2754, 0.2660,
0.2807

Harmonies

Analogous

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



42.8394, 0.3494, 0.3527



42.8394, 0.3394, 0.3616



42.8394, 0.3224, 0.3616

Triad

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



42.8394, 0.3394, 0.3616



42.8394, 0.2775, 0.3182



42.8394, 0.3216, 0.3075

Complementary

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



42.8394, 0.3394, 0.3616



34.4123, 0.2858, 0.2941

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.



42.8394, 0.3022, 0.2986



42.8394, 0.3394, 0.3616



42.8394, 0.2772, 0.3042

Square

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



42.8394, 0.3394, 0.3616



42.8394, 0.2868, 0.3359



42.8394, 0.2861, 0.2973



42.8394, 0.3390, 0.3216

Rectangle

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



42.8394, 0.3394, 0.3616



42.8394, 0.3095, 0.3562



42.8394, 0.2861, 0.2973



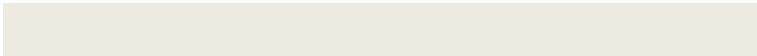
42.8394, 0.3151, 0.3038

Sweetspot

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



42.8413, 0.3394, 0.3616



82.5955, 0.3203, 0.3385



34.5538, 0.3375, 0.3191



18.1766, 0.3214, 0.3398



93.3107, 0.3127, 0.3290



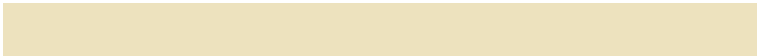
18.7317, 0.3127, 0.3290

Same Dimension

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



42.8413, 0.3394, 0.3616



76.3600, 0.3449, 0.3681



44.6657, 0.3305, 0.3716



10.1496, 0.3269, 0.3466



20.5468, 0.4652, 0.4689



0.8103, 0.4512, 0.4800

Inverse Universe

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



34.4123, 0.2858, 0.2941



58.5493, 0.2801, 0.2866



32.9062, 0.2929, 0.2847



9.0402, 0.2985, 0.3108



3.5974, 0.1573, 0.0861



0.2218, 0.1711, 0.1360

Previews

White Background



This preview shows how the Yxy color 42.8394, 0.3394, 0.3616 looks on a white background.

Color Contrast Check

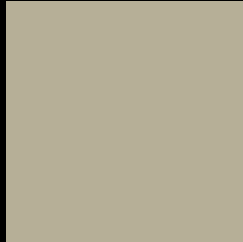
Large Text (above 18pt) WCAG AA × Fail

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 42.8394, 0.3394, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

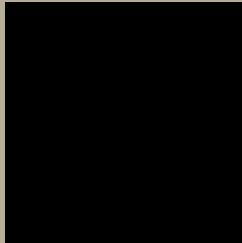
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

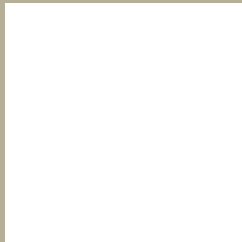
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8394, 0.3394, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 42.8394, 0.3394, 0.3616.



This preview shows how white text looks on a background with the Yxy color 42.8394, 0.3394, 0.3616.

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

42.8394, 0.3394, 0.3616

Protanopia

42.6968, 0.3415, 0.3601

Deuteranopia

42.5516, 0.3574, 0.3497



Tritanopia

42.6492, 0.3154, 0.3108

Trichromacy



Original Color

42.8394, 0.3394, 0.3616

Protanomaly

42.5737, 0.3405, 0.3602

Deuteranomaly

42.7303, 0.3499, 0.3541

Tritanomaly

42.7979, 0.3245, 0.3290

Monochromacy



Original Color

42.8394, 0.3394, 0.3616

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3724, 0.3221, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8394, 0.3394, 0.3616 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.8394, 0.3394, 0.3616 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, 151) }
```

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

```
.border{ border-color:rgb(182, 175, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 151);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8394, 0.3394, 0.3616 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, 151) }
```

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

```
.background{ background-color: rgb(182,  
175, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor