

Converting Colors

$Yxy(42.2356, 0.3374, 0.3412)$

Have a look what the booklet for
Yxy(42.2356, 0.3374, 0.3412)
contains.

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Color

Yxy(42.0140, 0.3372, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	BCAAA1
RGB	188, 170, 161
RGB Percent	74%, 67%, 63%
CMY	0.2628, 0.3333, 0.3685
CMYK	0.00, 0.10, 0.14, 0.26
HSL	20°, 17%, 68%
HSV	20°, 14%, 74%
XYZ	41.5458, 42.0140, 39.6484
YIQ	174.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

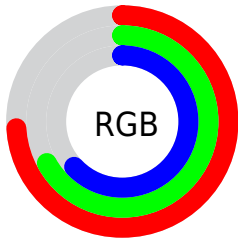
Format	Color
RYB	188, 175, 161
Decimal	12364449
CIELab	70.88, 4.98, 6.98
CIELCh	71, 8.568, 54.502
Yxy	42.0140, 0.3372, 0.3410
Android (android.graphics.Color)	4290554529 (0xFFBCAAA1)
YUV	174.3560, -6.5845, 11.9658
Hunter-Lab	64.8182, 0.9793, 9.1059

Details

The Yxy color **42.0140, 0.3372, 0.3410** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4513, 0.2908, 0.3167**, and the grayscale version is **42.5502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0414, 0.3322, 0.3383**, and **19.2336, 0.3446, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **36.9233, 0.3580, 0.3499**, and if you desaturate by 10%, it is **47.6563, 0.3195, 0.3325**.

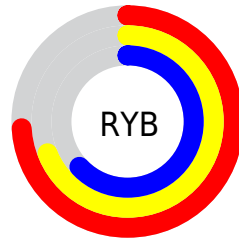
Distribution



Red (74%)

Green (67%)

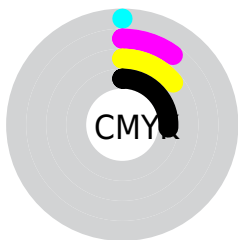
Blue (63%)



Red (74%)

Yellow (69%)

Blue (63%)

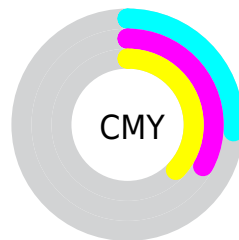


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0140, 0.3372, 0.3410 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 42.0140, 0.3372, 0.3410 by changing the saturation by 10% instead.


 42.0140, 0.3372,
0.3410

 42.0140, 0.3372,
0.3410


354.5410, 0.3247,
0.3350

 29.1123, 0.3404,
0.3425

 78.2208, 0.3326,
0.3388

 19.1658, 0.3446,
0.3444


 102.2947, 0.3309,
0.3380

 11.7901, 0.3503,
0.3470

130.8614, 0.3294,
0.3373

 6.6009, 0.3584,
0.3505

164.3053, 0.3282,
0.3367

 3.2138, 0.3709,
0.3558

203.0108, 0.3271,
0.3362

 1.2443, 0.3935,
0.3649

247.3623, 0.3262,

 0.0975, 0.6871,

0.3358

0.3129

297.7442, 0.3254,
0.3354

0.0000, 0.0000,
0.0000

42.0140, 0.3372,
0.3410

42.0140, 0.3372,
0.3410

36.9233, 0.3580,
0.3499

47.6563, 0.3195,
0.3325

32.3618, 0.3823,
0.3591

53.8608, 0.3045,
0.3246

28.3135, 0.4103,
0.3679

60.6448, 0.2918,
0.3173

24.7594, 0.4418,
0.3758

68.0230, 0.2810,
0.3106

21.6797, 0.4761,
0.3817

76.0088, 0.2718,
0.3046

■ 19.0525, 0.5114,
0.3844

■ 83.3474, 0.2731,
0.3184

■ 16.8543, 0.5450,
0.3828

■ 89.4297, 0.2742,
0.3289

■ 15.0589, 0.5738,
0.3762

■ 14.2042, 0.5880,
0.3713

Harmonies

Analogous

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



42.0140, 0.3343, 0.3307



42.0140, 0.3372, 0.3410



42.0140, 0.3334, 0.3484

Triad

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



42.0140, 0.3372, 0.3410



42.0140, 0.2999, 0.3381



42.0140, 0.3013, 0.3081

Complementary

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



42.0140, 0.3372, 0.3410



43.4513, 0.2908, 0.3167

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.



42.0140, 0.2923, 0.3096



42.0140, 0.3372, 0.3410



42.0140, 0.2916, 0.3267

Square

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



42.0140, 0.3372, 0.3410



42.0140, 0.3117, 0.3470



42.0140, 0.2888, 0.3163



42.0140, 0.3134, 0.3120

Rectangle

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



42.0140, 0.3372, 0.3410



42.0140, 0.3276, 0.3506



42.0140, 0.2888, 0.3163



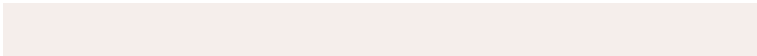
42.0140, 0.2978, 0.3080

Sweetspot

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



42.0159, 0.3372, 0.3410



86.6818, 0.3191, 0.3323



39.4606, 0.3219, 0.3049



18.4665, 0.3203, 0.3329



95.5105, 0.3127, 0.3290



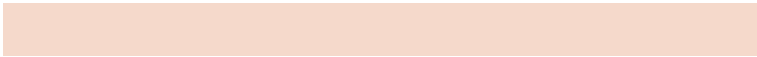
19.5994, 0.3127, 0.3290

Same Dimension

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



42.0159, 0.3372, 0.3410



73.3483, 0.3430, 0.3436



47.1487, 0.3348, 0.3578



10.0418, 0.3280, 0.3367



9.7959, 0.5857, 0.3731



0.5065, 0.5383, 0.4108

Inverse Universe

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



43.4513, 0.2908, 0.3167



76.4179, 0.2863, 0.3139



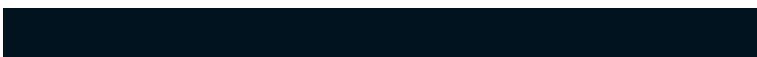
38.4702, 0.2902, 0.2984



10.2593, 0.2985, 0.3212



12.6620, 0.1938, 0.2176



0.6115, 0.2021, 0.2474

Previews

White Background



This preview shows how the Yxy color 42.0140, 0.3372, 0.3410 looks on a white background.

Color Contrast Check

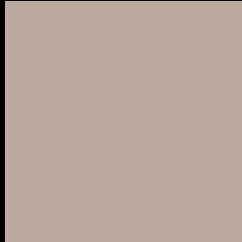
Large Text (above 18pt) WCAG AA × Fail

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 42.0140, 0.3372, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

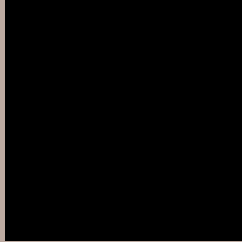
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

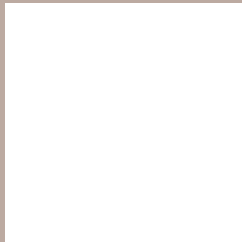
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0140, 0.3372, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 42.0140, 0.3372, 0.3410.



This preview shows how white text looks on a background with the Yxy color 42.0140, 0.3372, 0.3410.

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

42.0140, 0.3372, 0.3410

Protanopia

42.1152, 0.3266, 0.3426

Deuteranopia

41.8482, 0.3436, 0.3356



Tritanopia

42.0091, 0.3236, 0.3122

Trichromacy



Original Color

42.0140, 0.3372, 0.3410

Protanomaly

42.0588, 0.3304, 0.3425

Deuteranomaly

41.8204, 0.3405, 0.3370

Tritanomaly

41.9695, 0.3287, 0.3225

Monochromacy



Original Color

42.0140, 0.3372, 0.3410

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3354, 0.3215, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0140, 0.3372, 0.3410 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, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 161)  
}
```

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, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 161) }
```

Border

The CSS property to change the border of an element to Yxy 42.0140, 0.3372, 0.3410 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, 170, 161) }
```

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

```
.border{ border-color:rgb(188, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 170,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0140, 0.3372, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 170, 161) }
```

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

```
.background{ background-color: rgb(188,  
170, 161) }
```

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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