

Converting Colors

$Yxy(41.5969, 0.3487, 0.3567)$

Have a look what the booklet for
Yxy(41.5969, 0.3487, 0.3567)
contains.

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Color

Yxy(41.7382, 0.3490, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	BDAA95
RGB	189, 170, 149
RGB Percent	74%, 67%, 58%
CMY	0.2589, 0.3333, 0.4158
CMYK	0.00, 0.10, 0.21, 0.26
HSL	32°, 23%, 66%
HSV	32°, 21%, 74%
XYZ	40.7800, 41.7382, 34.3300
YIQ	173.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

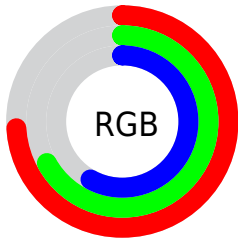
Format	Color
RYB	185, 189, 149
Decimal	12429973
CIELab	70.69, 3.45, 13.34
CIELCh	71, 13.781, 75.500
Yxy	41.7382, 0.3490, 0.3572
Android (android.graphics.Color)	4290620053 (0xFFBDAA95)
YUV	173.2870, -11.9735, 13.7803
Hunter-Lab	64.6051, -0.3861, 13.7179

Details

The Yxy color $41.7382, 0.3490, 0.3572$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.0433, 0.2796, 0.2991$, and the grayscale version is $41.9976, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7551, 0.3426, 0.3519$, and $18.9896, 0.3598, 0.3659$ is the 20% darker color. If you saturate the color by 10%, you get $37.9391, 0.3696, 0.3713$, and if you desaturate by 10%, it is $45.8679, 0.3306, 0.3435$.

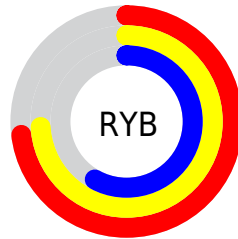
Distribution



Red (74%)

Green (67%)

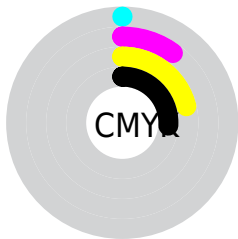
Blue (58%)



Red (73%)

Yellow (74%)

Blue (58%)

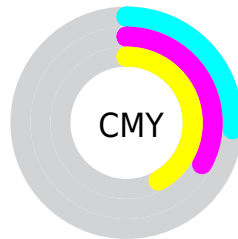


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7382, 0.3490, 0.3572 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 41.7382, 0.3490, 0.3572 by changing the saturation by 10% instead.


 41.7382, 0.3490,
0.3572

 41.7382, 0.3490,
0.3572


353.3965, 0.3305,
0.3430

 28.8964, 0.3537,
0.3608


 77.8032, 0.3422,
0.3520

 19.0024, 0.3599,
0.3653


 101.7952, 0.3396,
0.3501

 11.6720, 0.3682,
0.3714


130.2727, 0.3375,
0.3484

 6.5208, 0.3800,
0.3799

163.6201, 0.3357,
0.3470

 3.1642, 0.3978,
0.3923

202.2218, 0.3341,
0.3458

 1.2181, 0.4456,
0.4291

246.4622, 0.3327,

 0.0764, 0.6725,

0.3448

0.3275

296.7256, 0.3315,
0.3438

0.0000, 0.0000,
0.0000

41.7382, 0.3490,
0.3572

41.7382, 0.3490,
0.3572

37.9391, 0.3696,
0.3713

45.8679, 0.3306,
0.3435

34.4557, 0.3924,
0.3852

50.3315, 0.3145,
0.3305

31.2802, 0.4172,
0.3982

55.1390, 0.3003,
0.3183

28.4021, 0.4432,
0.4094

60.2987, 0.2879,
0.3070

25.8102, 0.4693,
0.4174

65.8183, 0.2770,
0.2966

■ 23.4923, 0.4943,
0.4212

■ 71.2220, 0.2715,
0.2946

■ 21.4344, 0.5163,
0.4197

■ 76.1585, 0.2724,
0.3047

■ 19.8140, 0.5333,
0.4147

■ 81.3524, 0.2733,
0.3146

■ 86.8074, 0.2742,
0.3242

Harmonies

Analogous

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



41.7382, 0.3521, 0.3432



41.7382, 0.3490, 0.3572



41.7382, 0.3360, 0.3641

Triad

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



41.7382, 0.3490, 0.3572



41.7382, 0.2820, 0.3307



41.7382, 0.3075, 0.2993

Complementary

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



41.7382, 0.3490, 0.3572



38.0433, 0.2796, 0.2991

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.



41.7382, 0.2892, 0.2955



41.7382, 0.3490, 0.3572



41.7382, 0.2749, 0.3128

Square

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



41.7382, 0.3490, 0.3572



41.7382, 0.2972, 0.3487



41.7382, 0.2775, 0.3002



41.7382, 0.3277, 0.3104

Rectangle

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



41.7382, 0.3490, 0.3572



41.7382, 0.3236, 0.3633



41.7382, 0.2775, 0.3002



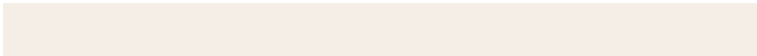
41.7382, 0.3009, 0.2971

Sweetspot

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



41.7401, 0.3490, 0.3572



86.1502, 0.3222, 0.3368



35.1420, 0.3350, 0.3032



18.4146, 0.3232, 0.3376



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.



41.7401, 0.3490, 0.3572



71.8234, 0.3574, 0.3631



49.2858, 0.3436, 0.3811



10.3444, 0.3276, 0.3411



13.4889, 0.5315, 0.4162



0.6585, 0.4977, 0.4430

Inverse Universe

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



38.0433, 0.2796, 0.2991



64.1151, 0.2727, 0.2923



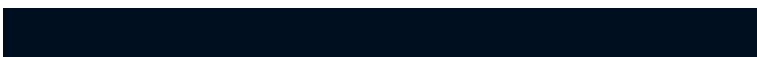
31.6106, 0.2783, 0.2712



9.9512, 0.2984, 0.3166



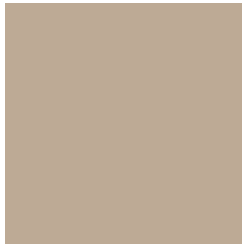
7.4973, 0.1754, 0.1512



0.4247, 0.1880, 0.1966

Previews

White Background



This preview shows how the Yxy color 41.7382, 0.3490, 0.3572 looks on a white background.

Color Contrast Check

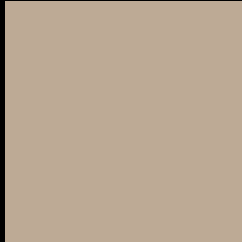
Large Text (above 18pt) WCAG AA × Fail

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 41.7382, 0.3490, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

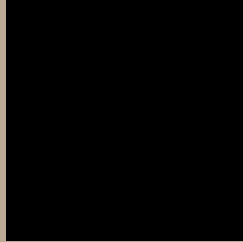
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7382, 0.3490, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 41.7382, 0.3490, 0.3572.



This preview shows how white text looks on a background with the Yxy color 41.7382, 0.3490, 0.3572.

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

41.7382, 0.3490, 0.3572

Protanopia

41.9129, 0.3397, 0.3604

Deuteranopia

41.8452, 0.3577, 0.3512



Tritanopia

41.8646, 0.3265, 0.3123

Trichromacy



Original Color

41.7382, 0.3490, 0.3572

Protanomaly

41.8974, 0.3428, 0.3589

Deuteranomaly

41.8094, 0.3544, 0.3527

Tritanomaly

41.6711, 0.3353, 0.3278

Monochromacy



Original Color

41.7382, 0.3490, 0.3572

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7691, 0.3259, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7382, 0.3490, 0.3572 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(189, 170, 149)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 149)  
}
```

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(189, 170, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 149) }
```

Border

The CSS property to change the border of an element to Yxy 41.7382, 0.3490, 0.3572 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(189, 170, 149) }
```

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

```
.border{ border-color:rgb(189, 170, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 149);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7382, 0.3490, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 149) }
```

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

```
.background{ background-color: rgb(189,  
170, 149) }
```

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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