

Converting Colors

Yxy(44.7342, 0.3451, 0.3662)

Have a look what the booklet for
Yxy(44.7342, 0.3451, 0.3662)
contains.

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Color

Yxy(44.7342, 0.3451, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	BCB296
RGB	188, 178, 150
RGB Percent	74%, 70%, 59%
CMY	0.2629, 0.3019, 0.4118
CMYK	0.00, 0.05, 0.20, 0.26
HSL	44°, 22%, 66%
HSV	44°, 20%, 74%
XYZ	42.1567, 44.7342, 35.2670
YIQ	177.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

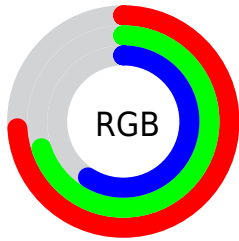
Format	Color
RYB	164, 188, 150
Decimal	12366486
CIELab	72.72, -1.09, 15.61
CIELCh	73, 15.646, 93.987
Yxy	44.7342, 0.3451, 0.3662
Android (android.graphics.Color)	4290556566 (0xFFBCB296)
YUV	177.7980, -13.7044, 8.9472
Hunter-Lab	66.8836, -4.5380, 15.5556

Details

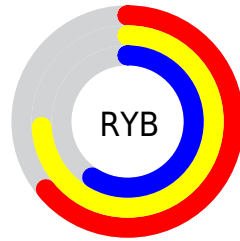
The Yxy color $44.7342, 0.3451, 0.3662$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $35.2344, 0.2804, 0.2888$, and the grayscale version is $44.4747, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4384, 0.3390, 0.3600$, and $20.6364, 0.3542, 0.3765$ is the 20% darker color. If you saturate the color by 10%, you get $42.2545, 0.3630, 0.3853$, and if you desaturate by 10%, it is $47.3854, 0.3284, 0.3474$.

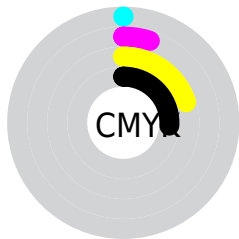
Distribution



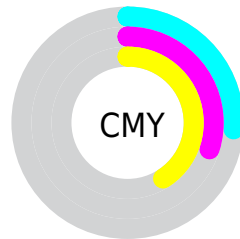
- Red (74%)
- Green (70%)
- Blue (59%)



- Red (64%)
- Yellow (74%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7342, 0.3451, 0.3662 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 44.7342, 0.3451, 0.3662 by changing the saturation by 10% instead.


 44.7342, 0.3451,
0.3662


 44.7342, 0.3451,
0.3662


365.6960, 0.3289,
0.3475

 31.2481, 0.3492,
0.3709


 82.3214, 0.3392,
0.3594

 20.7879, 0.3544,
0.3770


 107.1913, 0.3370,
0.3568

 12.9690, 0.3613,
0.3850


136.6246, 0.3351,
0.3546

 7.4072, 0.3708,
0.3963

171.0057, 0.3335,
0.3528

 3.7181, 0.3849,
0.4129

210.7190, 0.3321,
0.3512

 1.5171, 0.4176,
0.4511

256.1489, 0.3309,

 0.3007, 0.4630,

0.3498

0.5370

307.6798, 0.3298,
0.3486

0.0000, 0.0000,
0.0000

44.7342, 0.3451,
0.3662

44.7342, 0.3451,
0.3662

42.2545, 0.3630,
0.3853

47.3854, 0.3284,
0.3474

39.9348, 0.3816,
0.4041

50.2069, 0.3130,
0.3293

37.7715, 0.4006,
0.4218

53.2057, 0.2990,
0.3123

35.7582, 0.4193,
0.4374

56.3863, 0.2863,
0.2964

33.8883, 0.4367,
0.4498

59.7529, 0.2750,
0.2817

■ 32.1539, 0.4521,
0.4581

■ 62.7986, 0.2691,
0.2760

■ 30.5461, 0.4648,
0.4617

■ 65.2292, 0.2696,
0.2817

■ 29.0756, 0.4747,
0.4613

■ 67.7349, 0.2702,
0.2873

■ 70.3164, 0.2707,
0.2929

Harmonies

Analogous

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



44.7342, 0.3558, 0.3549



44.7342, 0.3451, 0.3662



44.7342, 0.3258, 0.3675

Triad

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



44.7342, 0.3451, 0.3662



44.7342, 0.2726, 0.3181



44.7342, 0.3209, 0.3029

Complementary

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



44.7342, 0.3451, 0.3662



35.2344, 0.2804, 0.2888

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.



44.7342, 0.2985, 0.2935



44.7342, 0.3451, 0.3662



44.7342, 0.2713, 0.3014

Square

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



44.7342, 0.3451, 0.3662



44.7342, 0.2842, 0.3389



44.7342, 0.2806, 0.2927



44.7342, 0.3416, 0.3187

Rectangle

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



44.7342, 0.3451, 0.3662



44.7342, 0.3109, 0.3619



44.7342, 0.2806, 0.2927



44.7342, 0.3133, 0.2989

Sweetspot

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



44.7362, 0.3451, 0.3662



87.9792, 0.3219, 0.3399



35.0416, 0.3419, 0.3154



18.8485, 0.3229, 0.3411



95.5105, 0.3127, 0.3290



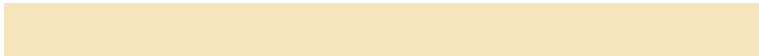
19.5994, 0.3127, 0.3290

Same Dimension

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



44.7362, 0.3451, 0.3662



79.1923, 0.3525, 0.3742



47.7462, 0.3349, 0.3799



10.6862, 0.3270, 0.3459



19.9319, 0.4739, 0.4619



0.8816, 0.4581, 0.4744

Inverse Universe

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



35.2344, 0.2804, 0.2888



59.0009, 0.2731, 0.2793



32.7987, 0.2875, 0.2753



9.6208, 0.2984, 0.3116



4.0858, 0.1592, 0.0931



0.2708, 0.1729, 0.1422

Previews

White Background



This preview shows how the Yxy color 44.7342, 0.3451, 0.3662 looks on a white background.

Color Contrast Check

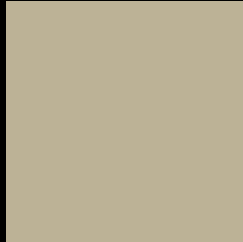
Large Text (above 18pt) WCAG AA × Fail

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 44.7342, 0.3451, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

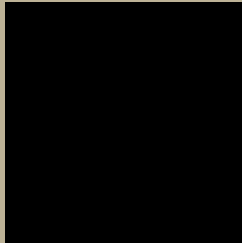
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7342, 0.3451, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 44.7342, 0.3451, 0.3662.



This preview shows how white text looks on a background with the Yxy color 44.7342, 0.3451, 0.3662.

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

44.7342, 0.3451, 0.3662

Protanopia

44.7342, 0.3451, 0.3662

Deuteranopia

44.7185, 0.3620, 0.3556



Tritanopia

44.7698, 0.3197, 0.3125

Trichromacy



Original Color

44.7342, 0.3451, 0.3662

Protanomaly

44.7342, 0.3451, 0.3662

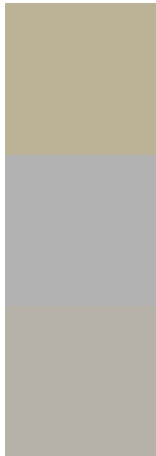
Deuteranomaly

44.6486, 0.3557, 0.3587

Tritanomaly

44.7534, 0.3287, 0.3316

Monochromacy



Original Color

44.7342, 0.3451, 0.3662

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6130, 0.3244, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7342, 0.3451, 0.3662 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, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 150)  
}
```

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, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.7342, 0.3451, 0.3662 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, 178, 150) }
```

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

```
.border{ border-color:rgb(188, 178, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 178, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7342, 0.3451, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 178, 150) }
```

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

```
.background{ background-color: rgb(188,  
178, 150) }
```

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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