

Converting Colors

$Yxy(45.0398, 0.3249, 0.3318)$

Have a look what the booklet for
Yxy(45.0398, 0.3249, 0.3318)
contains.

Yxy(44.7980, 0.3250, 0.3316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.7980, 0.3250, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	BCB0AE
RGB	188, 176, 174
RGB Percent	74%, 69%, 68%
CMY	0.2627, 0.3098, 0.3175
CMYK	0.00, 0.06, 0.07, 0.26
HSL	8°, 9%, 71%
HSV	8°, 7%, 74%
XYZ	43.9064, 44.7980, 46.3921
YIQ	179.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

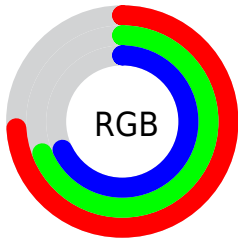
Format	Color
RYB	188, 176, 174
Decimal	12365998
CIELab	72.76, 3.93, 2.54
CIElCh	73, 4.681, 32.807
Yxy	44.7980, 0.3250, 0.3316
Android (android.graphics.Color)	4290556078 (0xFFBCB0AE)
YUV	179.3600, -2.6425, 7.5773
Hunter-Lab	66.9313, -0.0353, 5.7562

Details

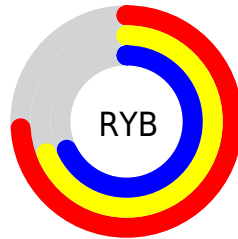
The Yxy color **44.7980, 0.3250, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7626, 0.3014, 0.3264**, and the grayscale version is **45.2943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6035, 0.3228, 0.3321**, and **20.9713, 0.3285, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **38.1571, 0.3447, 0.3353**, and if you desaturate by 10%, it is **52.2986, 0.3089, 0.3281**.

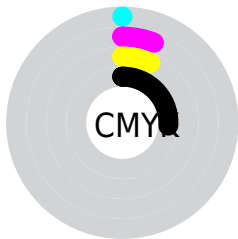
Distribution



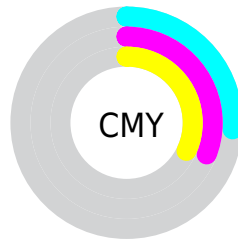
- Red (74%)
- Green (69%)
- Blue (68%)



- Red (74%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7980, 0.3250, 0.3316 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 44.7980, 0.3250, 0.3316 by changing the saturation by 10% instead.

■ 44.7980, 0.3250,
0.3316

■ 44.7980, 0.3250,
0.3316

365.9548, 0.3188,
0.3303

■ 31.2983, 0.3266,
0.3319

■ 82.4172, 0.3227,
0.3311

■ 20.8261, 0.3286,
0.3323

107.3055, 0.3219,
0.3310

■ 12.9970, 0.3313,
0.3328

136.7589, 0.3212,
0.3308

■ 7.4265, 0.3352,
0.3335

171.1617, 0.3206,
0.3307

■ 3.7302, 0.3410,
0.3346

210.8983, 0.3200,
0.3306

■ 1.5238, 0.3510,
0.3362

256.3531, 0.3196,

■ 0.3054, 0.4561,

0.3305

0.3606

307.9105, 0.3192,
0.3304

0.0000, 0.0000,
0.0000

44.7980, 0.3250,
0.3316

44.7980, 0.3250,
0.3316

38.1571, 0.3447,
0.3353

52.2986, 0.3089,
0.3281

32.3395, 0.3687,
0.3393

60.6821, 0.2956,
0.3250

27.3149, 0.3976,
0.3432

69.9779, 0.2847,
0.3221

23.0487, 0.4320,
0.3468

80.2126, 0.2757,
0.3195

19.5039, 0.4716,
0.3496

89.4313, 0.2742,
0.3289

■ 16.6403, 0.5145,
0.3510

■ 14.4139, 0.5574,
0.3502

■ 12.7751, 0.5947,
0.3468

■ 11.6653, 0.6216,
0.3413

Harmonies

Analogous

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



44.7980, 0.3211, 0.3258



44.7980, 0.3250, 0.3316



44.7980, 0.3255, 0.3368

Triad

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



44.7980, 0.3250, 0.3316



44.7980, 0.3104, 0.3374



44.7980, 0.3029, 0.3181

Complementary

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



44.7980, 0.3250, 0.3316



47.7626, 0.3014, 0.3264

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.



44.7980, 0.3001, 0.3211



44.7980, 0.3250, 0.3316



44.7980, 0.3044, 0.3323

Square

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



44.7980, 0.3250, 0.3316



44.7980, 0.3170, 0.3403



44.7980, 0.3006, 0.3262



44.7980, 0.3083, 0.3180

Rectangle

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



44.7980, 0.3250, 0.3316



44.7980, 0.3239, 0.3393



44.7980, 0.3006, 0.3262



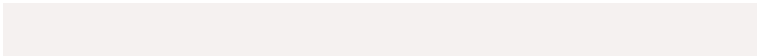
44.7980, 0.3016, 0.3188

Sweetspot

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



44.8000, 0.3250, 0.3316



88.3332, 0.3159, 0.3297



44.5262, 0.3151, 0.3135



19.0264, 0.3157, 0.3297



95.5105, 0.3127, 0.3290



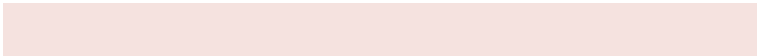
19.5994, 0.3127, 0.3290

Same Dimension

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



44.8000, 0.3250, 0.3316



79.0178, 0.3281, 0.3322



47.5650, 0.3242, 0.3405



9.7478, 0.3285, 0.3323



7.8651, 0.6257, 0.3414



0.3789, 0.5880, 0.3713

Inverse Universe

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



47.7626, 0.3014, 0.3264



85.5517, 0.2988, 0.3258



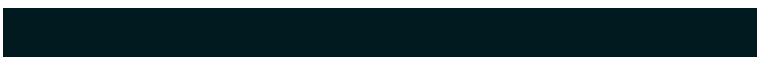
44.9344, 0.3014, 0.3173



10.5737, 0.2985, 0.3257



20.0204, 0.2123, 0.2842



0.8481, 0.2155, 0.2959

Previews

White Background



This preview shows how the Yxy color 44.7980, 0.3250, 0.3316 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 44.7980, 0.3250, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

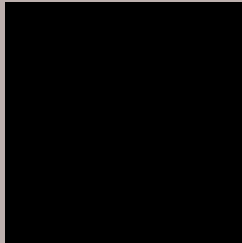
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

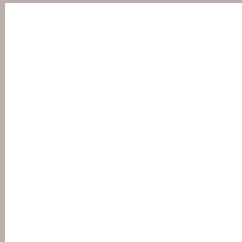
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7980, 0.3250, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 44.7980, 0.3250, 0.3316.



This preview shows how white text looks on a background with the Yxy color 44.7980, 0.3250, 0.3316.

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

44.7980, 0.3250, 0.3316

Protanopia

44.8810, 0.3186, 0.3330

Deuteranopia

44.8526, 0.3327, 0.3265



Tritanopia

44.8501, 0.3153, 0.3112

Trichromacy



Original Color

44.7980, 0.3250, 0.3316

Protanomaly

44.7298, 0.3205, 0.3317

Deuteranomaly

44.8366, 0.3299, 0.3278

Tritanomaly

44.8977, 0.3185, 0.3187

Monochromacy



Original Color

44.7980, 0.3250, 0.3316

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9602, 0.3170, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7980, 0.3250, 0.3316 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, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 174)  
}
```

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, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.7980, 0.3250, 0.3316 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, 176, 174) }
```

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

```
.border{ border-color:rgb(188, 176, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 176, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(188, 176,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7980, 0.3250, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 174) }
```

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

```
.background{ background-color: rgb(188,  
176, 174) }
```

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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