

Converting Colors

$Yxy(43.8216, 0.3260, 0.3447)$

Have a look what the booklet for
Yxy(43.8216, 0.3260, 0.3447)
contains.

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Color

Yxy(43.9847, 0.3262, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	B5B1A5
RGB	181, 177, 165
RGB Percent	71%, 69%, 65%
CMY	0.2901, 0.3059, 0.3529
CMYK	0.00, 0.02, 0.09, 0.29
HSL	45°, 10%, 68%
HSV	45°, 9%, 71%
XYZ	41.5758, 43.9847, 41.8944
YIQ	176.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

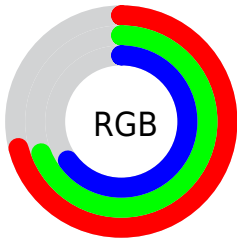
Format	Color
RYB	170, 181, 165
Decimal	11907493
CIELab	72.22, -0.70, 6.63
CIELCh	72, 6.671, 96.020
Yxy	43.9847, 0.3262, 0.3451
Android (android.graphics.Color)	4290097573 (0xFFB5B1A5)
YUV	176.8280, -5.8312, 3.6588
Hunter-Lab	66.3210, -4.1622, 8.9716

Details

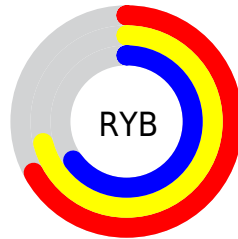
The Yxy color **43.9847, 0.3262, 0.3451** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7281, 0.2992, 0.3124**, and the grayscale version is **43.9035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4497, 0.3237, 0.3425**, and **20.1968, 0.3303, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **41.6006, 0.3426, 0.3640**, and if you desaturate by 10%, it is **46.5263, 0.3111, 0.3270**.

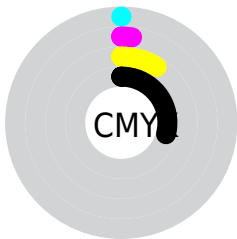
Distribution



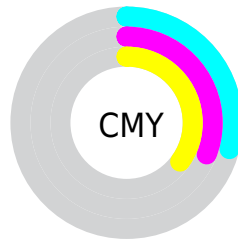
- Red (71%)
- Green (69%)
- Blue (65%)



- Red (67%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (29%)




- Cyan (29%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9847, 0.3262, 0.3451 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 43.9847, 0.3262, 0.3451 by changing the saturation by 10% instead.

 43.9847, 0.3262,
0.3451

 43.9847, 0.3262,
0.3451


362.6458, 0.3194,
0.3370

 30.6585, 0.3279,
0.3472


 81.1947, 0.3237,
0.3421

 20.3389, 0.3301,
0.3498


 105.8473, 0.3228,
0.3410

 12.6417, 0.3331,
0.3534


135.0441, 0.3220,
0.3401

 7.1823, 0.3373,
0.3585

169.1696, 0.3213,
0.3393

 3.5763, 0.3437,
0.3663

208.6081, 0.3207,
0.3386

 1.4395, 0.3544,
0.3794

253.7441, 0.3202,

 0.2456, 0.4683,

0.3380

0.5317

304.9619, 0.3198,
0.3374

0.0000, 0.0000,
0.0000

43.9847, 0.3262,
0.3451

43.9847, 0.3262,
0.3451

41.6006, 0.3426,
0.3640

46.5263, 0.3111,
0.3270

39.3637, 0.3602,
0.3833

49.2238, 0.2973,
0.3099

37.2712, 0.3786,
0.4024

52.0832, 0.2848,
0.2940

35.3179, 0.3973,
0.4204

55.1084, 0.2736,
0.2793

33.4984, 0.4157,
0.4365

58.2697, 0.2638,
0.2663

■ 31.8066, 0.4329,
0.4495

■ 60.4127, 0.2644,
0.2717

■ 30.2356, 0.4483,
0.4587

■ 62.6193, 0.2650,
0.2770

■ 28.7776, 0.4610,
0.4632

■ 64.8900, 0.2656,
0.2823

■ 27.4189, 0.4710,
0.4634

■ 67.2254, 0.2661,
0.2876

Harmonies

Analogous

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



43.9847, 0.3309, 0.3408



43.9847, 0.3262, 0.3451



43.9847, 0.3179, 0.3450

Triad

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



43.9847, 0.3262, 0.3451



43.9847, 0.2951, 0.3241



43.9847, 0.3170, 0.3180

Complementary

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



43.9847, 0.3262, 0.3451



39.7281, 0.2992, 0.3124

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.



43.9847, 0.3074, 0.3136



43.9847, 0.3262, 0.3451



43.9847, 0.2948, 0.3169

Square

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



43.9847, 0.3262, 0.3451



43.9847, 0.3000, 0.3327



43.9847, 0.2993, 0.3132



43.9847, 0.3256, 0.3252

Rectangle

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



43.9847, 0.3262, 0.3451



43.9847, 0.3115, 0.3424



43.9847, 0.2993, 0.3132



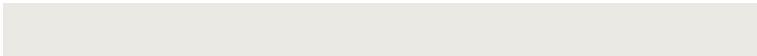
43.9847, 0.3138, 0.3161

Sweetspot

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



43.9866, 0.3262, 0.3451



81.3506, 0.3172, 0.3345



39.6128, 0.3240, 0.3233



17.5040, 0.3184, 0.3359



91.1408, 0.3127, 0.3290



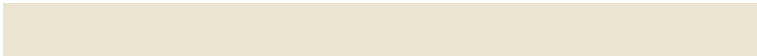
17.8868, 0.3127, 0.3290

Same Dimension

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



43.9866, 0.3262, 0.3451



77.7264, 0.3299, 0.3494



45.1611, 0.3224, 0.3506



9.5367, 0.3269, 0.3459



18.9045, 0.4713, 0.4640



0.6813, 0.4540, 0.4777

Inverse Universe

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



39.7281, 0.2992, 0.3124



68.2537, 0.2955, 0.3077



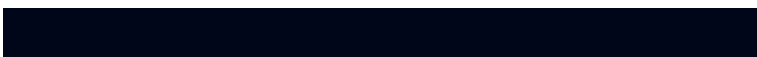
38.6537, 0.3026, 0.3069



8.5668, 0.2985, 0.3115



3.7228, 0.1588, 0.0915



0.2119, 0.1743, 0.1473

Previews

White Background



This preview shows how the Yxy color 43.9847, 0.3262, 0.3451 looks on a white background.

Color Contrast Check

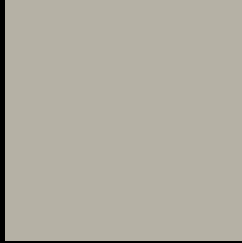
Large Text (above 18pt) WCAG AA × Fail

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 43.9847, 0.3262, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

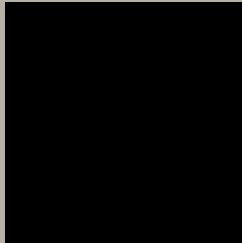
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9847, 0.3262, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 43.9847, 0.3262, 0.3451.



This preview shows how white text looks on a background with the Yxy color 43.9847, 0.3262, 0.3451.

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

43.9847, 0.3262, 0.3451

Protanopia

43.8346, 0.3281, 0.3437

Deuteranopia

43.8848, 0.3420, 0.3355



Tritanopia

44.0503, 0.3109, 0.3121

Trichromacy



Original Color

43.9847, 0.3262, 0.3451

Protanomaly

43.7124, 0.3272, 0.3438

Deuteranomaly

43.8468, 0.3360, 0.3382

Tritanomaly

43.9819, 0.3165, 0.3238

Monochromacy



Original Color

43.9847, 0.3262, 0.3451

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9264, 0.3169, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9847, 0.3262, 0.3451 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(181, 177, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 165)  
}
```

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(181, 177, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.9847, 0.3262, 0.3451 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(181, 177, 165) }
```

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

```
.border{ border-color:rgb(181, 177, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9847, 0.3262, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 165) }
```

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

```
.background{ background-color: rgb(181,  
177, 165) }
```

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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