

Converting Colors

$Yxy(44.2165, 0.3401, 0.3597)$

Have a look what the booklet for
Yxy(44.2165, 0.3401, 0.3597)
contains.

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Color

Yxy(44.2165, 0.3401, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	BAB19A
RGB	186, 177, 154
RGB Percent	73%, 69%, 60%
CMY	0.2705, 0.3059, 0.3961
CMYK	0.00, 0.05, 0.17, 0.27
HSL	43°, 19%, 67%
HSV	43°, 17%, 73%
XYZ	41.8071, 44.2165, 36.9024
YIQ	177.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

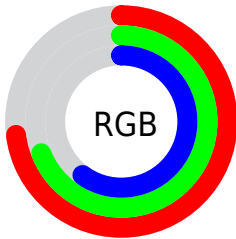
Format	Color
RYB	167, 186, 154
Decimal	12235162
CIELab	72.37, -0.66, 12.92
CIELCh	72, 12.942, 92.940
Yxy	44.2165, 0.3401, 0.3597
Android (android.graphics.Color)	4290425242 (0xFFBAB19A)
YUV	177.0690, -11.3730, 7.8325
Hunter-Lab	66.4955, -4.1403, 13.6432

Details

The Yxy color **44.2165, 0.3401, 0.3597** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6156, 0.2856, 0.2963**, and the grayscale version is **44.0623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7091, 0.3351, 0.3549**, and **20.6330, 0.3482, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **41.6161, 0.3578, 0.3783**, and if you desaturate by 10%, it is **46.9963, 0.3237, 0.3416**.

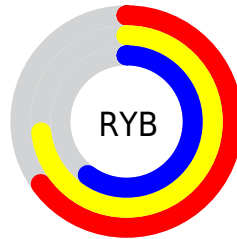
Distribution



Red (73%)

Green (69%)

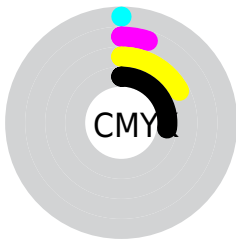
Blue (60%)



Red (65%)

Yellow (73%)

Blue (60%)

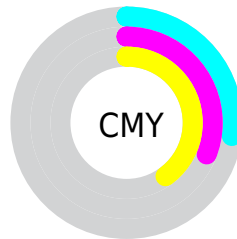


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2165, 0.3401, 0.3597 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 44.2165, 0.3401, 0.3597 by changing the saturation by 10% instead.

 44.2165, 0.3401,
0.3597

 44.2165, 0.3401,
0.3597

363.5910, 0.3263,
0.3442

 30.8407, 0.3436,
0.3636


 81.5434, 0.3351,
0.3540

 20.4776, 0.3480,
0.3687


 106.2634, 0.3332,
0.3519

 12.7427, 0.3540,
0.3754

135.5335, 0.3316,
0.3501

 7.2516, 0.3623,
0.3848

169.7383, 0.3302,
0.3486

 3.6199, 0.3747,
0.3990

209.2620, 0.3291,
0.3473

 1.4633, 0.4002,
0.4279

254.4891, 0.3280,

 0.2627, 0.4706,

0.3461

0.5294

305.8040, 0.3271,
0.3451

0.0000, 0.0000,
0.0000

44.2165, 0.3401,
0.3597

44.2165, 0.3401,
0.3597

41.6161, 0.3578,
0.3783

46.9963, 0.3237,
0.3416

39.1840, 0.3766,
0.3968

49.9546, 0.3087,
0.3243

36.9165, 0.3960,
0.4146

53.0981, 0.2951,
0.3080

34.8074, 0.4154,
0.4305

56.4313, 0.2829,
0.2929

32.8501, 0.4340,
0.4437

59.9586, 0.2720,
0.2790

■ 31.0372, 0.4508,
0.4530

■ 62.9818, 0.2680,
0.2768

■ 29.3601, 0.4652,
0.4577

■ 65.5853, 0.2686,
0.2829

■ 27.8072, 0.4766,
0.4577

■ 68.2740, 0.2692,
0.2889

■ 27.3906, 0.4797,
0.4573

■ 71.0487, 0.2698,
0.2949

Harmonies

Analogous

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



44.2165, 0.3486, 0.3502



44.2165, 0.3401, 0.3597



44.2165, 0.3244, 0.3609

Triad

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



44.2165, 0.3401, 0.3597



44.2165, 0.2795, 0.3207



44.2165, 0.3189, 0.3068

Complementary

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



44.2165, 0.3401, 0.3597



36.6156, 0.2856, 0.2963

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.



44.2165, 0.3004, 0.2992



44.2165, 0.3401, 0.3597



44.2165, 0.2781, 0.3065

Square

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



44.2165, 0.3401, 0.3597



44.2165, 0.2895, 0.3378



44.2165, 0.2856, 0.2989



44.2165, 0.3362, 0.3200

Rectangle

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



44.2165, 0.3401, 0.3597



44.2165, 0.3120, 0.3565



44.2165, 0.2856, 0.2989



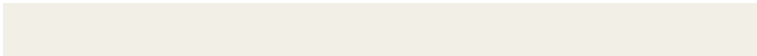
44.2165, 0.3126, 0.3035

Sweetspot

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



44.2185, 0.3401, 0.3597



86.2813, 0.3204, 0.3378



36.1991, 0.3363, 0.3168



18.9189, 0.3215, 0.3391



95.5105, 0.3127, 0.3290



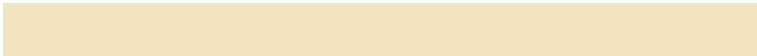
19.5994, 0.3127, 0.3290

Same Dimension

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



44.2185, 0.3401, 0.3597



78.1452, 0.3473, 0.3674



47.0504, 0.3321, 0.3720



10.0643, 0.3270, 0.3454



18.5561, 0.4787, 0.4581



0.7533, 0.4602, 0.4728

Inverse Universe

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



36.6156, 0.2856, 0.2963



61.5508, 0.2785, 0.2874



34.2275, 0.2912, 0.2839



9.1203, 0.2985, 0.3121



4.1717, 0.1605, 0.0976



0.2555, 0.1754, 0.1515

Previews

White Background



This preview shows how the Yxy color 44.2165, 0.3401, 0.3597 looks on a white background.

Color Contrast Check

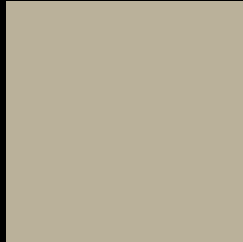
Large Text (above 18pt) WCAG AA × Fail

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 44.2165, 0.3401, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

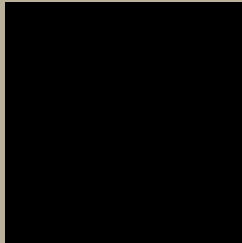
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2165, 0.3401, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 44.2165, 0.3401, 0.3597.



This preview shows how white text looks on a background with the Yxy color 44.2165, 0.3401, 0.3597.

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

44.2165, 0.3401, 0.3597

Protanopia

44.2165, 0.3401, 0.3597

Deuteranopia

44.1889, 0.3567, 0.3494



Tritanopia

43.9974, 0.3171, 0.3111

Trichromacy



Original Color

44.2165, 0.3401, 0.3597

Protanomaly

44.2165, 0.3401, 0.3597

Deuteranomaly

44.1240, 0.3505, 0.3524

Tritanomaly

44.1469, 0.3262, 0.3290

Monochromacy



Original Color

44.2165, 0.3401, 0.3597

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0122, 0.3219, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2165, 0.3401, 0.3597 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(186, 177, 154)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 154)  
}
```

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(186, 177, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 154) }
```

Border

The CSS property to change the border of an element to Yxy 44.2165, 0.3401, 0.3597 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(186, 177, 154) }
```

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

```
.border{ border-color:rgb(186, 177, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 177, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 177, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 177, 154);  
box-shadow:4px 4px 4px 4px rgb(186, 177,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2165, 0.3401, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 177, 154) }
```

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

```
.background{ background-color: rgb(186,  
177, 154) }
```

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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