

Converting Colors

$Yxy(41.1496, 0.3389, 0.3489)$

Have a look what the booklet for
Yxy(41.1496, 0.3389, 0.3489)
contains.

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Color

Yxy(41.3064, 0.3388, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	B8AA9B
RGB	184, 170, 155
RGB Percent	72%, 67%, 61%
CMY	0.2785, 0.3333, 0.3922
CMYK	0.00, 0.08, 0.16, 0.28
HSL	31°, 17%, 66%
HSV	31°, 16%, 72%
XYZ	40.0533, 41.3064, 36.8613
YIQ	172.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

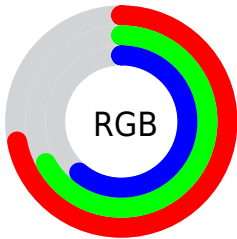
Format	Color
RYB	182, 184, 155
Decimal	12102299
CIELab	70.39, 2.49, 9.56
CIELCh	70, 9.877, 75.400
Yxy	41.3064, 0.3388, 0.3494
Android (android.graphics.Color)	4290292379 (0xFFB8AA9B)
YUV	172.4760, -8.6157, 10.1065
Hunter-Lab	64.2701, -1.2310, 10.9840

Details

The Yxy color **41.3064, 0.3388, 0.3494** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7816, 0.2883, 0.3077**, and the grayscale version is **41.5474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9791, 0.3341, 0.3458**, and **18.7816, 0.3468, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **37.5254, 0.3582, 0.3631**, and if you desaturate by 10%, it is **45.4092, 0.3216, 0.3362**.

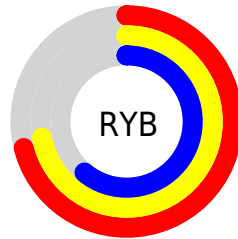
Distribution



Red (72%)

Green (67%)

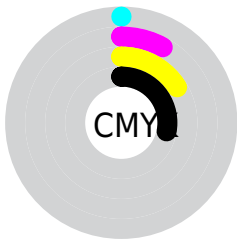
Blue (61%)



Red (71%)

Yellow (72%)

Blue (61%)

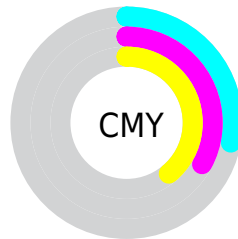


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (28%)



Cyan (28%)


Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3064, 0.3388, 0.3494 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 41.3064, 0.3388, 0.3494 by changing the saturation by 10% instead.


 41.3064, 0.3388,
0.3494

 41.3064, 0.3388,
0.3494


351.5996, 0.3255,
0.3391

 28.5586, 0.3422,
0.3520


 77.1488, 0.3339,
0.3456

 18.7471, 0.3467,
0.3554


 101.0122, 0.3321,
0.3442

 11.4877, 0.3527,
0.3599


129.3495, 0.3305,
0.3430

 6.3959, 0.3614,
0.3663

162.5452, 0.3292,
0.3420

 3.0873, 0.3747,
0.3760

200.9837, 0.3281,
0.3411

 1.1775, 0.4040,
0.3983

245.0493, 0.3271,

 0.0432, 0.7022,

0.3404

0.2978

295.1265, 0.3262,
0.3397

0.0000, 0.0000,
0.0000

41.3064, 0.3388,
0.3494

41.3064, 0.3388,
0.3494

37.5254, 0.3582,
0.3631

45.4092, 0.3216,
0.3362

34.0520, 0.3799,
0.3770

49.8366, 0.3066,
0.3239

30.8790, 0.4038,
0.3904

54.5981, 0.2934,
0.3123

27.9967, 0.4294,
0.4025

59.7015, 0.2819,
0.3017

25.3949, 0.4559,
0.4123

65.1540, 0.2719,
0.2919

■ 23.0624, 0.4820,
0.4183

■ 70.2769, 0.2685,
0.2937

■ 20.9868, 0.5062,
0.4197

■ 75.1411, 0.2695,
0.3037

■ 19.1537, 0.5270,
0.4157

■ 80.2567, 0.2705,
0.3136

■ 18.4409, 0.5353,
0.4132

■ 85.6275, 0.2715,
0.3233

Harmonies

Analogous

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



41.3064, 0.3410, 0.3394



41.3064, 0.3388, 0.3494



41.3064, 0.3296, 0.3542

Triad

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



41.3064, 0.3388, 0.3494



41.3064, 0.2905, 0.3304



41.3064, 0.3090, 0.3074

Complementary

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



41.3064, 0.3388, 0.3494



38.7816, 0.2883, 0.3077

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.



41.3064, 0.2958, 0.3047



41.3064, 0.3388, 0.3494



41.3064, 0.2853, 0.3176

Square

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



41.3064, 0.3388, 0.3494



41.3064, 0.3017, 0.3431



41.3064, 0.2872, 0.3083



41.3064, 0.3235, 0.3155

Rectangle

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



41.3064, 0.3388, 0.3494



41.3064, 0.3207, 0.3535



41.3064, 0.2872, 0.3083



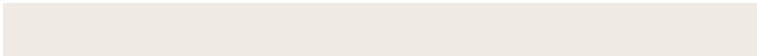
41.3064, 0.3043, 0.3058

Sweetspot

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



41.3082, 0.3388, 0.3494



82.8632, 0.3206, 0.3354



36.4873, 0.3284, 0.3101



17.7471, 0.3217, 0.3363



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.3082, 0.3388, 0.3494



72.3970, 0.3454, 0.3542



46.7676, 0.3356, 0.3675



9.7616, 0.3275, 0.3409



12.8545, 0.5335, 0.4146



0.5764, 0.4965, 0.4440

Inverse Universe

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



38.7816, 0.2883, 0.3077



66.9213, 0.2827, 0.3024



33.9089, 0.2880, 0.2874



9.4140, 0.2985, 0.3168



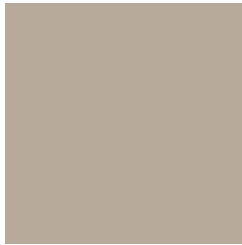
7.4051, 0.1761, 0.1539



0.3851, 0.1896, 0.2024

Previews

White Background



This preview shows how the Yxy color 41.3064, 0.3388, 0.3494 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 41.3064, 0.3388, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

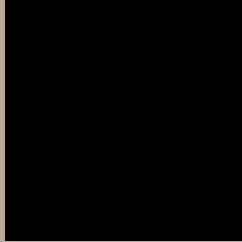
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

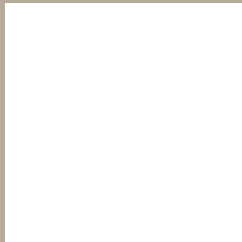
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3064, 0.3388, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 41.3064, 0.3388, 0.3494.



This preview shows how white text looks on a background with the Yxy color 41.3064, 0.3388, 0.3494.

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

41.3064, 0.3388, 0.3494

Protanopia

41.4891, 0.3328, 0.3509

Deuteranopia

41.2748, 0.3494, 0.3422



Tritanopia

41.0919, 0.3209, 0.3120

Trichromacy



Original Color

41.3064, 0.3388, 0.3494

Protanomaly

41.3499, 0.3349, 0.3495

Deuteranomaly

41.1141, 0.3453, 0.3437

Tritanomaly

40.9788, 0.3278, 0.3251

Monochromacy



Original Color

41.3064, 0.3388, 0.3494

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1091, 0.3215, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3064, 0.3388, 0.3494 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(184, 170, 155)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 155)  
}
```

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(184, 170, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.3064, 0.3388, 0.3494 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(184, 170, 155) }
```

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

```
.border{ border-color:rgb(184, 170, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 170, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 155);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3064, 0.3388, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 170, 155) }
```

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

```
.background{ background-color: rgb(184,  
170, 155) }
```

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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