

Converting Colors

$Yxy(41.0696, 0.3404, 0.3665)$

Have a look what the booklet for
Yxy(41.0696, 0.3404, 0.3665)
contains.

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Color

Yxy(40.8965, 0.3405, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	B1AC91
RGB	177, 172, 145
RGB Percent	69%, 67%, 57%
CMY	0.3061, 0.3254, 0.4314
CMYK	0.00, 0.03, 0.18, 0.31
HSL	51°, 17%, 63%
HSV	51°, 18%, 69%
XYZ	37.9849, 40.8965, 32.6748
YIQ	170.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

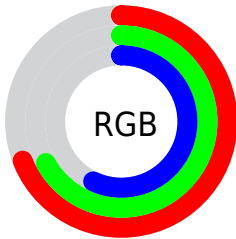
Format	Color
RYB	151, 177, 145
Decimal	11644049
CIELab	70.10, -2.84, 14.55
CIELCh	70, 14.829, 101.048
Yxy	40.8965, 0.3405, 0.3666
Android (android.graphics.Color)	4289834129 (0xFFB1AC91)
YUV	170.4170, -12.5306, 5.7733
Hunter-Lab	63.9504, -5.8887, 14.4716

Details

The Yxy color **40.8965, 0.3405, 0.3666** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.9758, 0.2839, 0.2884**, and the grayscale version is **40.4740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3853, 0.3355, 0.3590**, and **18.5262, 0.3491, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **39.3669, 0.3570, 0.3880**, and if you desaturate by 10%, it is **42.5360, 0.3247, 0.3455**.

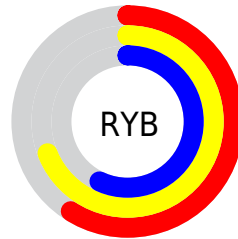
Distribution



Red (69%)

Green (67%)

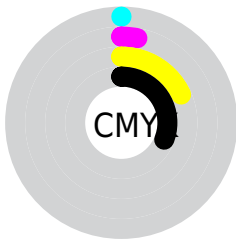
Blue (57%)



Red (59%)

Yellow (69%)

Blue (57%)

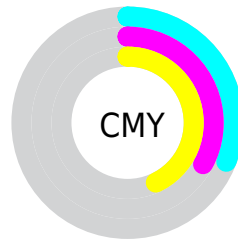


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (31%)



Cyan (31%)

Magenta (33%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8965, 0.3405, 0.3666 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 40.8965, 0.3405, 0.3666 by changing the saturation by 10% instead.


 40.8965, 0.3405,
0.3666

 40.8965, 0.3405,
0.3666


349.8879, 0.3264,
0.3473

 28.2382, 0.3441,
0.3716


 76.5268, 0.3353,
0.3595

 18.5053, 0.3487,
0.3781


 100.2675, 0.3334,
0.3568

 11.3134, 0.3549,
0.3869


128.4712, 0.3318,
0.3546

 6.2780, 0.3636,
0.3994

161.5223, 0.3304,
0.3527

 3.0149, 0.3764,
0.4186

199.8051, 0.3292,
0.3511

 1.1395, 0.4281,
0.4864

243.7040, 0.3281,

 0.0114, 0.0000,

0.3496

1.0000

293.6035, 0.3272,
0.3484

0.0000, 0.0000,
0.0000

40.8965, 0.3405,
0.3666

40.8965, 0.3405,
0.3666

39.3669, 0.3570,
0.3880

42.5360, 0.3247,
0.3455

37.9378, 0.3737,
0.4091

44.2838, 0.3099,
0.3251

36.6066, 0.3902,
0.4291

46.1453, 0.2962,
0.3059

35.3686, 0.4059,
0.4469

48.1239, 0.2836,
0.2880

34.2184, 0.4201,
0.4616

50.2228, 0.2722,
0.2714

■ 33.1503, 0.4320,
0.4724

■ 52.4451, 0.2619,
0.2561

■ 32.1574, 0.4413,
0.4789

■ 53.8692, 0.2601,
0.2555

■ 31.2284, 0.4480,
0.4812

■ 55.0703, 0.2604,
0.2588

■ 31.0522, 0.4493,
0.4815

■ 56.2938, 0.2608,
0.2620

Harmonies

Analogous

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



40.8965, 0.3533, 0.3576



40.8965, 0.3405, 0.3666



40.8965, 0.3205, 0.3652

Triad

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



40.8965, 0.3405, 0.3666



40.8965, 0.2723, 0.3140



40.8965, 0.3258, 0.3067

Complementary

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



40.8965, 0.3405, 0.3666



30.9758, 0.2839, 0.2884

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.



40.8965, 0.3038, 0.2958



40.8965, 0.3405, 0.3666



40.8965, 0.2735, 0.2993

Square

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



40.8965, 0.3405, 0.3666



40.8965, 0.2814, 0.3338



40.8965, 0.2849, 0.2929



40.8965, 0.3447, 0.3232

Rectangle

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



40.8965, 0.3405, 0.3666



40.8965, 0.3059, 0.3581



40.8965, 0.2849, 0.2929



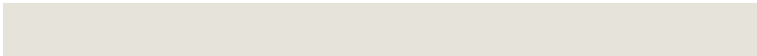
40.8965, 0.3185, 0.3023

Sweetspot

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



40.8983, 0.3405, 0.3666



77.1431, 0.3202, 0.3393



31.8004, 0.3414, 0.3215



16.6724, 0.3213, 0.3407



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.8983, 0.3405, 0.3666



72.0896, 0.3475, 0.3759



41.6058, 0.3295, 0.3745



9.6792, 0.3267, 0.3481



22.5852, 0.4489, 0.4818



0.7706, 0.4394, 0.4893

Inverse Universe

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



30.9758, 0.2839, 0.2884



50.7214, 0.2763, 0.2774



30.4518, 0.2937, 0.2822



8.4346, 0.2985, 0.3091



2.9358, 0.1541, 0.0745



0.1577, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 40.8965, 0.3405, 0.3666 looks on a white background.

Color Contrast Check

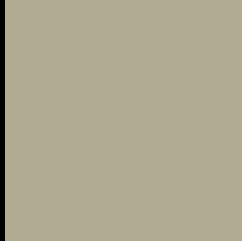
Large Text (above 18pt) WCAG AA × Fail

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 40.8965, 0.3405, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

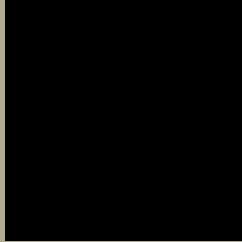
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

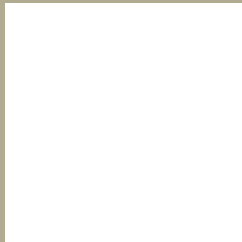
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8965, 0.3405, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 40.8965, 0.3405, 0.3666.



This preview shows how white text looks on a background with the Yxy color 40.8965, 0.3405, 0.3666.

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

40.8965, 0.3405, 0.3666

Protanopia

40.8427, 0.3445, 0.3663

Deuteranopia

40.8559, 0.3611, 0.3540



Tritanopia

40.8778, 0.3154, 0.3118

Trichromacy



Original Color

40.8965, 0.3405, 0.3666

Protanomaly

40.7231, 0.3436, 0.3664

Deuteranomaly

41.0277, 0.3533, 0.3585

Tritanomaly

40.8693, 0.3246, 0.3317

Monochromacy



Original Color

40.8965, 0.3405, 0.3666

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5833, 0.3230, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8965, 0.3405, 0.3666 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(177, 172, 145)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 145)  
}
```

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(177, 172, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 145) }
```

Border

The CSS property to change the border of an element to Yxy 40.8965, 0.3405, 0.3666 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(177, 172, 145) }
```

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

```
.border{ border-color:rgb(177, 172, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 145);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8965, 0.3405, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 145) }
```

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

```
.background{ background-color: rgb(177,  
172, 145) }
```

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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