

Converting Colors

$Yxy(40.8203, 0.3298, 0.3330)$

Have a look what the booklet for
Yxy(40.8203, 0.3298, 0.3330)
contains.

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Color

Yxy(40.9122, 0.3302, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	B8A8A5
RGB	184, 168, 165
RGB Percent	72%, 66%, 65%
CMY	0.2785, 0.3411, 0.3530
CMYK	0.00, 0.09, 0.10, 0.28
HSL	10°, 12%, 68%
HSV	10°, 10%, 72%
XYZ	40.5560, 40.9122, 41.3544
YIQ	172.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

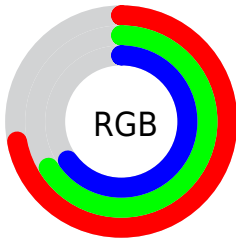
Format	Color
RYB	184, 169, 165
Decimal	12101797
CIELab	70.11, 5.24, 3.63
CIELCh	70, 6.377, 34.747
Yxy	40.9122, 0.3302, 0.3331
Android (android.graphics.Color)	4290291877 (0xFFB8A8A5)
YUV	172.4420, -3.6689, 10.1364
Hunter-Lab	63.9626, 1.2447, 6.4405

Details

The Yxy color **40.9122, 0.3302, 0.3331** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4880, 0.2971, 0.3249**, and the grayscale version is **41.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4679, 0.3268, 0.3322**, and **18.5083, 0.3360, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **34.9140, 0.3509, 0.3374**, and if you desaturate by 10%, it is **47.6901, 0.3132, 0.3291**.

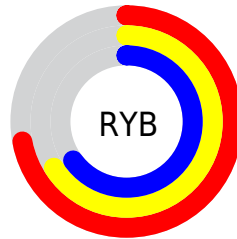
Distribution



Red (72%)

Green (66%)

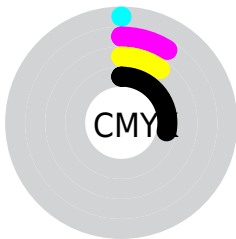
Blue (65%)



Red (72%)

Yellow (66%)

Blue (65%)

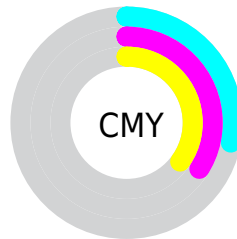


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9122, 0.3302, 0.3331 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 40.9122, 0.3302, 0.3331 by changing the saturation by 10% instead.


 40.9122, 0.3302,
0.3331


 40.9122, 0.3302,
0.3331


349.9535, 0.3212,
0.3311

 28.2505, 0.3325,
0.3336


 76.5506, 0.3269,
0.3324

 18.5146, 0.3355,
0.3342


 100.2961, 0.3257,
0.3321

 11.3200, 0.3396,
0.3351


128.5049, 0.3246,
0.3319

 6.2825, 0.3456,
0.3363

161.5615, 0.3237,
0.3317

 3.0176, 0.3548,
0.3380

199.8503, 0.3230,
0.3315

 1.1409, 0.3712,
0.3407

243.7556, 0.3223,

 0.0127, 0.9170,

0.3313

0.0830

293.6619, 0.3218,
0.3312

0.0000, 0.0000,
0.0000

40.9122, 0.3302,
0.3331

40.9122, 0.3302,
0.3331

34.9140, 0.3509,
0.3374

47.6901, 0.3132,
0.3291

29.6623, 0.3759,
0.3418

55.2687, 0.2992,
0.3255

25.1294, 0.4060,
0.3461

63.6750, 0.2876,
0.3221

21.2838, 0.4413,
0.3501

72.9330, 0.2781,
0.3191

18.0916, 0.4813,
0.3529

82.9375, 0.2710,
0.3185

■ 15.5163, 0.5240,
0.3540

■ 88.9270, 0.2721,
0.3289

■ 13.5174, 0.5654,
0.3524

■ 12.0494, 0.6001,
0.3480

■ 11.0783, 0.6245,
0.3424

Harmonies

Analogous

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



40.9122, 0.3250, 0.3250



40.9122, 0.3302, 0.3331



40.9122, 0.3306, 0.3403

Triad

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



40.9122, 0.3302, 0.3331



40.9122, 0.3088, 0.3405



40.9122, 0.2993, 0.3136

Complementary

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



40.9122, 0.3302, 0.3331



44.4880, 0.2971, 0.3249

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.



40.9122, 0.2951, 0.3174



40.9122, 0.3302, 0.3331



40.9122, 0.3005, 0.3330

Square

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



40.9122, 0.3302, 0.3331



40.9122, 0.3182, 0.3448



40.9122, 0.2956, 0.3245



40.9122, 0.3071, 0.3138

Rectangle

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



40.9122, 0.3302, 0.3331



40.9122, 0.3282, 0.3436



40.9122, 0.2956, 0.3245



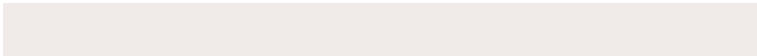
40.9122, 0.2974, 0.3144

Sweetspot

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



40.9140, 0.3302, 0.3331



82.9760, 0.3175, 0.3302



40.4374, 0.3163, 0.3077



17.6704, 0.3188, 0.3305



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.



40.9140, 0.3302, 0.3331



72.0339, 0.3338, 0.3339



44.4788, 0.3288, 0.3454



9.2368, 0.3284, 0.3327



7.7071, 0.6228, 0.3437



0.3444, 0.5799, 0.3778

Inverse Universe

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



44.4880, 0.2971, 0.3249



79.6016, 0.2942, 0.3241



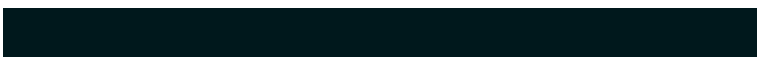
40.8260, 0.2969, 0.3120



9.9608, 0.2985, 0.3253



18.5677, 0.2106, 0.2783



0.7205, 0.2146, 0.2927

Previews

White Background



This preview shows how the Yxy color 40.9122, 0.3302, 0.3331 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 40.9122, 0.3302, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

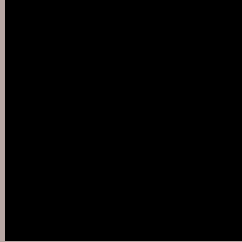
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9122, 0.3302, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 40.9122, 0.3302, 0.3331.



This preview shows how white text looks on a background with the Yxy color 40.9122, 0.3302, 0.3331.

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

40.9122, 0.3302, 0.3331

Protanopia

41.1091, 0.3215, 0.3359

Deuteranopia

40.9362, 0.3363, 0.3304



Tritanopia

40.9662, 0.3200, 0.3119

Trichromacy



Original Color

40.9122, 0.3302, 0.3331

Protanomaly

41.0863, 0.3244, 0.3345

Deuteranomaly

41.0454, 0.3342, 0.3317

Tritanomaly

41.0077, 0.3233, 0.3198

Monochromacy



Original Color

40.9122, 0.3302, 0.3331

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2205, 0.3189, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9122, 0.3302, 0.3331 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, 168, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 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(184, 168, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.9122, 0.3302, 0.3331 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, 168, 165) }
```

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

```
.border{ border-color:rgb(184, 168, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 168, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9122, 0.3302, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 165) }
```

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

```
.background{ background-color: rgb(184,  
168, 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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