

Converting Colors

$Yxy(40.4823, 0.3346, 0.3277)$

Have a look what the booklet for
Yxy(40.4823, 0.3346, 0.3277)
contains.

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Color

Yxy(40.4823, 0.3346, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BDA5A6
RGB	189, 165, 166
RGB Percent	74%, 65%, 65%
CMY	0.2586, 0.3530, 0.3490
CMYK	0.00, 0.13, 0.12, 0.26
HSL	357°, 15%, 69%
HSV	357°, 13%, 74%
XYZ	41.3347, 40.4823, 41.7176
YIQ	172.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

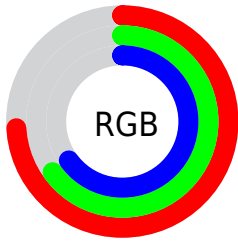
Format	Color
RYB	189, 165, 166
Decimal	12428710
CIELab	69.81, 8.94, 2.69
CIELCh	70, 9.334, 16.748
Yxy	40.4823, 0.3346, 0.3277
Android (android.graphics.Color)	4290618790 (0xFFBDA5A6)
YUV	172.2900, -3.1010, 14.6547
Hunter-Lab	63.6257, 4.6183, 5.6631

Details

The Yxy color **40.4823, 0.3346, 0.3277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0472, 0.2943, 0.3303**, and the grayscale version is **41.4239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8193, 0.3301, 0.3280**, and **18.1761, 0.3409, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **33.5434, 0.3567, 0.3266**, and if you desaturate by 10%, it is **48.5263, 0.3169, 0.3287**.

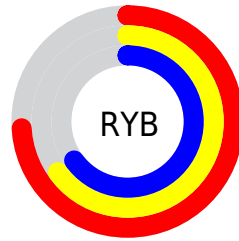
Distribution



Red (74%)

Green (65%)

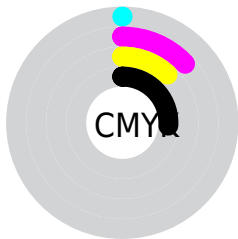
Blue (65%)



Red (74%)

Yellow (65%)

Blue (65%)

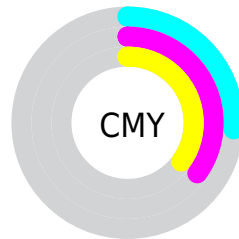


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4823, 0.3346, 0.3277 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 40.4823, 0.3346, 0.3277 by changing the saturation by 10% instead.


 40.4823, 0.3346,
0.3277


 40.4823, 0.3346,
0.3277


348.1522, 0.3234,
0.3285

 27.9148, 0.3375,
0.3275


 75.8974, 0.3304,
0.3280

 18.2614, 0.3413,
0.3272


 99.5137, 0.3289,
0.3281

 11.1378, 0.3465,
0.3267


127.5818, 0.3276,
0.3282

 6.1596, 0.3539,
0.3261

160.4861, 0.3265,
0.3283

 2.9424, 0.3656,
0.3249

198.6108, 0.3256,
0.3283

 1.1017, 0.3864,
0.3224

242.3405, 0.3247,

 0.0000, 1.0000,

0.3284

0.0000

292.0595, 0.3240,
0.3284

■ 0.0000, 0.0000,
0.0000

■ 40.4823, 0.3346,
0.3277

■ 40.4823, 0.3346,
0.3277

■ 33.5434, 0.3567,
0.3266

■ 48.5263, 0.3169,
0.3287

■ 27.6563, 0.3840,
0.3255

■ 57.7150, 0.3027,
0.3297

■ 22.7712, 0.4176,
0.3245

■ 68.0928, 0.2913,
0.3306

■ 18.8325, 0.4574,
0.3237

■ 79.6999, 0.2820,
0.3313

■ 15.7787, 0.5023,
0.3234

■ 89.5655, 0.2747,
0.3289

■ 13.5415, 0.5488,
0.3237

■ 12.0425, 0.5910,
0.3249

■ 11.1877, 0.6219,
0.3268

■ 10.8432, 0.6357,
0.3276

Harmonies

Analogous

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



40.4823, 0.3236, 0.3166



40.4823, 0.3346, 0.3277



40.4823, 0.3396, 0.3394

Triad

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



40.4823, 0.3346, 0.3277



40.4823, 0.3152, 0.3506



40.4823, 0.2886, 0.3090

Complementary

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



40.4823, 0.3346, 0.3277



48.0472, 0.2943, 0.3303

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.



40.4823, 0.2865, 0.3177



40.4823, 0.3346, 0.3277



40.4823, 0.3016, 0.3420

Square

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



40.4823, 0.3346, 0.3277



40.4823, 0.3282, 0.3530



40.4823, 0.2912, 0.3298



40.4823, 0.2971, 0.3058

Rectangle

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



40.4823, 0.3346, 0.3277



40.4823, 0.3389, 0.3461



40.4823, 0.2912, 0.3298



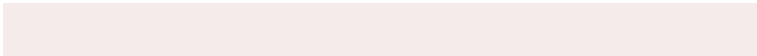
40.4823, 0.2872, 0.3114

Sweetspot

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



40.4841, 0.3346, 0.3277



84.8206, 0.3190, 0.3286



41.2535, 0.3131, 0.2980



17.9959, 0.3203, 0.3285



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.



40.4841, 0.3346, 0.3277



69.1630, 0.3397, 0.3274



44.5198, 0.3337, 0.3433



9.5428, 0.3282, 0.3281



7.2940, 0.6347, 0.3270



0.2880, 0.6144, 0.3158

Inverse Universe

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



40.4841, 0.3346, 0.3277



69.1630, 0.3397, 0.3274



43.6033, 0.2932, 0.3143



9.5428, 0.3282, 0.3281



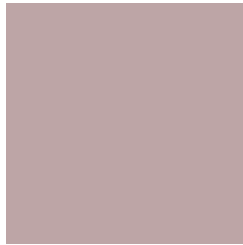
7.2940, 0.6347, 0.3270



0.2880, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 40.4823, 0.3346, 0.3277 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 40.4823, 0.3346, 0.3277 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 40.4823, 0.3346, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 40.4823, 0.3346, 0.3277.



This preview shows how white text looks on a background with the Yxy color 40.4823, 0.3346, 0.3277.

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

40.4823, 0.3346, 0.3277

Protanopia

40.6127, 0.3172, 0.3304

Deuteranopia

40.4823, 0.3346, 0.3277



Tritanopia

40.2761, 0.3267, 0.3120

Trichromacy



Original Color

40.4823, 0.3346, 0.3277

Protanomaly

40.4161, 0.3229, 0.3290

Deuteranomaly

40.4823, 0.3346, 0.3277

Tritanomaly

40.4766, 0.3302, 0.3186

Monochromacy



Original Color

40.4823, 0.3346, 0.3277

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7432, 0.3201, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4823, 0.3346, 0.3277 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(189, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(189, 165, 166)  
}
```

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(189, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 165, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.4823, 0.3346, 0.3277 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(189, 165, 166) }
```

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

```
.border{ border-color:rgb(189, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(189, 165,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4823, 0.3346, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 165, 166) }
```

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

```
.background{ background-color: rgb(189,  
165, 166) }
```

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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