

Converting Colors

$Y_{xy}(40.2721, 0.3442, 0.3334)$

Have a look what the booklet for
Yxy(40.2721, 0.3442, 0.3334)
contains.

Yxy(40.4264, 0.3442, 0.3344)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.4264, 0.3442, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4A0
RGB	193, 164, 160
RGB Percent	76%, 64%, 63%
CMY	0.2431, 0.3568, 0.3727
CMYK	0.00, 0.15, 0.17, 0.24
HSL	7°, 21%, 69%
HSV	7°, 17%, 76%
XYZ	41.6111, 40.4264, 38.8548
YIQ	172.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

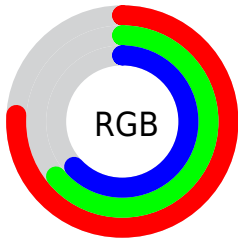
Format	Color
R_{YB}	193, 165, 160
Decimal	12690592
CIE _{Lab}	69.77, 9.95, 6.02
CIE _{LCh}	70, 11.633, 31.186
Yxy	40.4264, 0.3442, 0.3344
Android (android.graphics.Color)	4290880672 (0xFFC1A4A0)
YUV	172.2150, -6.0220, 18.2284
Hunter-Lab	63.5818, 5.5514, 8.2751

Details

The Yxy color **40.4264, 0.3442, 0.3344** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7025, 0.2870, 0.3235**, and the grayscale version is **41.3937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8933, 0.3381, 0.3332**, and **18.1814, 0.3533, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **34.1384, 0.3683, 0.3378**, and if you desaturate by 10%, it is **47.6308, 0.3245, 0.3312**.

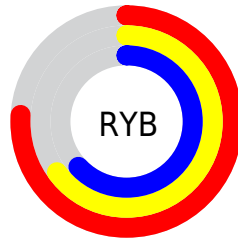
Distribution



Red (76%)

Green (64%)

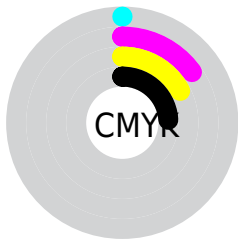
Blue (63%)



Red (76%)

Yellow (65%)

Blue (63%)

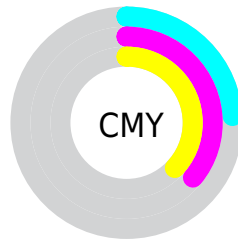


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4264, 0.3442, 0.3344 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 40.4264, 0.3442, 0.3344 by changing the saturation by 10% instead.


 40.4264, 0.3442,
0.3344


 40.4264, 0.3442,
0.3344


347.9175, 0.3280,
0.3318

 27.8712, 0.3484,
0.3350


 75.8124, 0.3382,
0.3335

 18.2286, 0.3539,
0.3357


 99.4119, 0.3360,
0.3331

 11.1142, 0.3614,
0.3367


127.4617, 0.3341,
0.3328

 6.1437, 0.3722,
0.3379

160.3460, 0.3325,
0.3326

 2.9327, 0.3891,
0.3394

198.4494, 0.3312,
0.3324

 1.0967, 0.4211,
0.3425

242.1562, 0.3300,


 0.0000, 1.0000,


0.3322

0.0000

291.8508, 0.3289,
0.3320

 0.0000, 0.0000,
0.0000


 40.4264, 0.3442,
0.3344

 40.4264, 0.3442,
0.3344


 34.1384, 0.3683,
0.3378


 47.6308, 0.3245,
0.3312


 28.7248, 0.3975,
0.3412


 55.7807, 0.3084,
0.3282


 24.1484, 0.4324,
0.3444

 64.9104, 0.2952,
0.3254

 20.3674, 0.4725,
0.3468

 75.0512, 0.2844,
0.3229

 17.3360, 0.5163,
0.3480

 86.1373, 0.2762,
0.3222

■ 15.0041, 0.5598,
0.3472

■ 90.0777, 0.2768,
0.3289

■ 13.3152, 0.5974,
0.3441

■ 12.2025, 0.6239,
0.3391

■ 11.9734, 0.6299,
0.3380

Harmonies

Analogous

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



40.4264, 0.3336, 0.3198



40.4264, 0.3442, 0.3344



40.4264, 0.3461, 0.3480

Triad

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



40.4264, 0.3442, 0.3344



40.4264, 0.3074, 0.3517



40.4264, 0.2870, 0.3013

Complementary

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



40.4264, 0.3442, 0.3344



47.7025, 0.2870, 0.3235

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.



40.4264, 0.2804, 0.3089



40.4264, 0.3442, 0.3344



40.4264, 0.2920, 0.3381

Square

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



40.4264, 0.3442, 0.3344



40.4264, 0.3245, 0.3586



40.4264, 0.2822, 0.3223



40.4264, 0.3004, 0.3011

Rectangle

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



40.4264, 0.3442, 0.3344



40.4264, 0.3421, 0.3548



40.4264, 0.2822, 0.3223



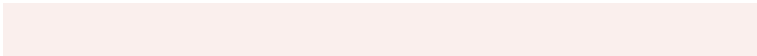
40.4264, 0.2839, 0.3031

Sweetspot

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



40.4282, 0.3442, 0.3344



88.1363, 0.3209, 0.3305



40.1506, 0.3181, 0.2918



18.6951, 0.3222, 0.3308



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.4282, 0.3442, 0.3344



67.4612, 0.3538, 0.3358



46.6550, 0.3407, 0.3554



10.2717, 0.3286, 0.3319



8.0278, 0.6284, 0.3392



0.4137, 0.5961, 0.3649

Inverse Universe

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



47.7025, 0.2870, 0.3235



83.2184, 0.2809, 0.3221



41.0681, 0.2859, 0.3011



11.2117, 0.2984, 0.3261



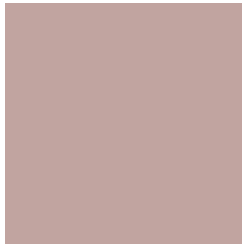
21.6194, 0.2140, 0.2904



0.9944, 0.2166, 0.2998

Previews

White Background



This preview shows how the Yxy color 40.4264, 0.3442, 0.3344 looks on a white background.

Color Contrast Check

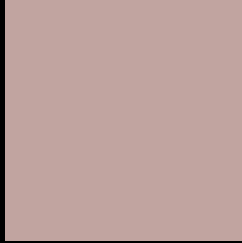
Large Text (above 18pt) WCAG AA × Fail

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 40.4264, 0.3442, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

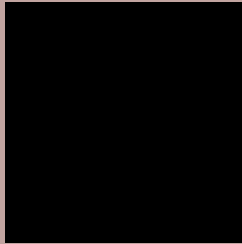
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4264, 0.3442, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 40.4264, 0.3442, 0.3344.



This preview shows how white text looks on a background with the Yxy color 40.4264, 0.3442, 0.3344.

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

40.4264, 0.3442, 0.3344

Protanopia

40.5078, 0.3233, 0.3387

Deuteranopia

40.5247, 0.3420, 0.3357



Tritanopia

40.4988, 0.3334, 0.3136

Trichromacy



Original Color

40.4264, 0.3442, 0.3344

Protanomaly

40.5590, 0.3310, 0.3372

Deuteranomaly

40.6548, 0.3430, 0.3357

Tritanomaly

40.5283, 0.3369, 0.3213

Monochromacy



Original Color

40.4264, 0.3442, 0.3344

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9064, 0.3237, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4264, 0.3442, 0.3344 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(193, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 160)  
}
```

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(193, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.4264, 0.3442, 0.3344 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(193, 164, 160) }
```

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

```
.border{ border-color:rgb(193, 164, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4264, 0.3442, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 160) }
```

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

```
.background{ background-color: rgb(193,  
164, 160) }
```

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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