

Converting Colors

$Yxy(41.3581, 0.3360, 0.3167)$

Have a look what the booklet for
Yxy(41.3581, 0.3360, 0.3167)
contains.

Yxy(41.4384, 0.3360, 0.3175)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4384, 0.3360, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	C5A4AD
RGB	197, 164, 173
RGB Percent	77%, 64%, 68%
CMY	0.2273, 0.3569, 0.3216
CMYK	0.00, 0.17, 0.12, 0.23
HSL	344°, 22%, 71%
HSV	344°, 17%, 77%
XYZ	43.8529, 41.4384, 45.2233
YIQ	174.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

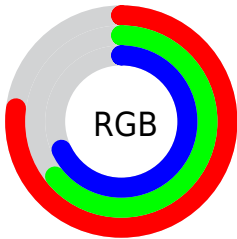
Format	Color
RYB	197, 164, 173
Decimal	12952749
CIELab	70.48, 13.59, -0.11
CIELCh	70, 13.591, 359.518
Yxy	41.4384, 0.3360, 0.3175
Android (android.graphics.Color)	4291142829 (0xFFC5A4AD)
YUV	174.8930, -0.9332, 19.3878
Hunter-Lab	64.3727, 8.9483, 3.4082

Details

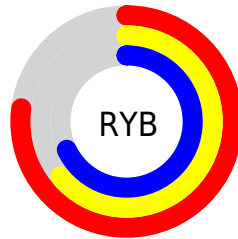
The Yxy color **41.4384, 0.3360, 0.3175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4761, 0.2937, 0.3408**, and the grayscale version is **42.8128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3353, 0.3319, 0.3200**, and **18.8085, 0.3428, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **34.4007, 0.3542, 0.3102**, and if you desaturate by 10%, it is **49.6319, 0.3212, 0.3245**.

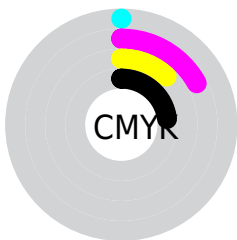
Distribution



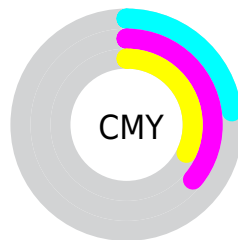
- Red (77%)
- Green (64%)
- Blue (68%)



- Red (77%)
- Yellow (64%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (23%)




- Cyan (23%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4384, 0.3360, 0.3175 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 41.4384, 0.3360, 0.3175 by changing the saturation by 10% instead.


 41.4384, 0.3360,
0.3175


 41.4384, 0.3360,
0.3175

352.1496, 0.3241,
0.3234

 28.6618, 0.3390,
0.3160


 77.3490, 0.3316,
0.3197

 18.8251, 0.3430,
0.3140


 101.2517, 0.3300,
0.3205

 11.5440, 0.3484,
0.3114


129.6319, 0.3286,
0.3211

 6.4340, 0.3560,
0.3076

162.8741, 0.3275,
0.3217

 3.1107, 0.3678,
0.3018

201.3625, 0.3265,
0.3222

 1.1898, 0.3884,
0.2916

245.4817, 0.3256,

 0.0534, 0.7620,

0.3227

0.1063

295.6159, 0.3248,
0.3230

0.0000, 0.0000,
0.0000

41.4384, 0.3360,
0.3175

41.4384, 0.3360,
0.3175

34.4007, 0.3542,
0.3102

49.6319, 0.3212,
0.3245

28.4613, 0.3764,
0.3028

59.0244, 0.3091,
0.3311

23.5660, 0.4031,
0.2959

69.6635, 0.2993,
0.3371

19.6537, 0.4344,
0.2901

81.5929, 0.2912,
0.3426

16.6571, 0.4698,
0.2864

89.9679, 0.2842,
0.3399

■ 14.5002, 0.5075,
0.2861

■ 90.6163, 0.2789,
0.3289

■ 13.0946, 0.5446,
0.2899

■ 12.3234, 0.5772,
0.2979

■ 12.1402, 0.5867,
0.3006

Harmonies

Analogous

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



41.4384, 0.3170, 0.3040



41.4384, 0.3360, 0.3175



41.4384, 0.3488, 0.3342

Triad

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



41.4384, 0.3360, 0.3175



41.4384, 0.3273, 0.3636



41.4384, 0.2753, 0.3063

Complementary

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



41.4384, 0.3360, 0.3175



51.4761, 0.2937, 0.3408

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.



41.4384, 0.2779, 0.3221



41.4384, 0.3360, 0.3175



41.4384, 0.3075, 0.3561

Square

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



41.4384, 0.3360, 0.3175



41.4384, 0.3436, 0.3612



41.4384, 0.2895, 0.3405



41.4384, 0.2823, 0.2973

Rectangle

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



41.4384, 0.3360, 0.3175



41.4384, 0.3519, 0.3452



41.4384, 0.2895, 0.3405



41.4384, 0.2751, 0.3110

Sweetspot

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



41.4403, 0.3360, 0.3175



91.5503, 0.3189, 0.3257



41.2305, 0.3062, 0.2869



19.3510, 0.3199, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.4403, 0.3360, 0.3175



69.5029, 0.3420, 0.3149



43.7389, 0.3429, 0.3383



10.6837, 0.3247, 0.3227



7.9934, 0.5834, 0.2987



0.3910, 0.5220, 0.2649

Inverse Universe

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



41.4403, 0.3360, 0.3175



69.5029, 0.3420, 0.3149



48.7005, 0.2872, 0.3195



10.6837, 0.3247, 0.3227



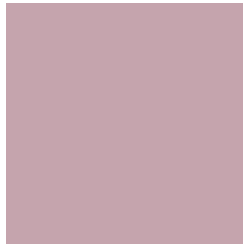
7.9934, 0.5834, 0.2987



0.3910, 0.5220, 0.2649

Previews

White Background



This preview shows how the Yxy color 41.4384, 0.3360, 0.3175 looks on a white background.

Color Contrast Check

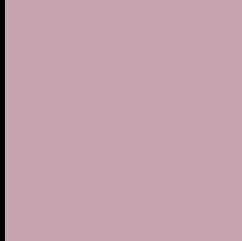
Large Text (above 18pt) WCAG AA × Fail

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 41.4384, 0.3360, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

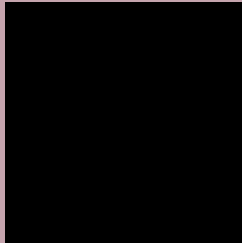
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4384, 0.3360, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 41.4384, 0.3360, 0.3175.



This preview shows how white text looks on a background with the Yxy color 41.4384, 0.3360, 0.3175.

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

41.4384, 0.3360, 0.3175

Protanopia

41.6780, 0.3104, 0.3222

Deuteranopia

41.4348, 0.3288, 0.3225



Tritanopia

41.1993, 0.3334, 0.3124

Trichromacy



Original Color

41.4384, 0.3360, 0.3175

Protanomaly

41.4556, 0.3186, 0.3197

Deuteranomaly

41.4575, 0.3318, 0.3212

Tritanomaly

41.1598, 0.3343, 0.3137

Monochromacy



Original Color

41.4384, 0.3360, 0.3175

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2491, 0.3211, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4384, 0.3360, 0.3175 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(197, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 173)  
}
```

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(197, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.4384, 0.3360, 0.3175 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(197, 164, 173) }
```

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

```
.border{ border-color:rgb(197, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4384, 0.3360, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 173) }
```

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

```
.background{ background-color: rgb(197,  
164, 173) }
```

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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