

Converting Colors

$Y_{xy}(40.8669, 0.3331, 0.3187)$

Have a look what the booklet for
Yxy(40.8669, 0.3331, 0.3187)
contains.

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Color

Yxy(40.8669, 0.3331, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4AC
RGB	193, 164, 172
RGB Percent	76%, 64%, 67%
CMY	0.2431, 0.3568, 0.3256
CMYK	0.00, 0.15, 0.11, 0.24
HSL	344°, 19%, 70%
HSV	344°, 15%, 76%
XYZ	42.7134, 40.8669, 44.6497
YIQ	173.5830, 14.7160, 8.6360

Conversions

Conversions Part 2

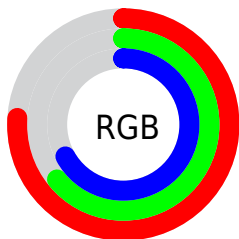
Format	Color
R _Y B	193, 164, 172
Decimal	12690604
CIE Lab	70.08, 11.94, -0.17
CIE LCh	70, 11.938, 359.187
Yxy	40.8669, 0.3331, 0.3187
Android (android.graphics.Color)	4290880684 (0xFFC1A4AC)
YUV	173.5830, -0.7804, 17.0287
Hunter-Lab	63.9272, 7.3934, 3.3382

Details

The Yxy color $40.8669, 0.3331, 0.3187$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.5424, 0.2957, 0.3396$, and the grayscale version is $42.1014, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5331, 0.3297, 0.3210$, and $18.4334, 0.3387, 0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $33.9666, 0.3506, 0.3114$, and if you desaturate by 10%, it is $48.8759, 0.3188, 0.3257$.

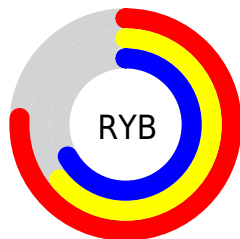
Distribution



Red (76%)

Green (64%)

Blue (67%)



Red (76%)

Yellow (64%)

Blue (67%)

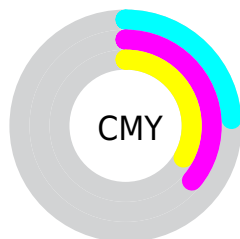


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8669, 0.3331, 0.3187 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 40.8669, 0.3331, 0.3187 by changing the saturation by 10% instead.


 40.8669, 0.3331,
0.3187


 40.8669, 0.3331,
0.3187

349.7640, 0.3227,
0.3240

 28.2151, 0.3358,
0.3173


 76.4818, 0.3293,
0.3206

 18.4879, 0.3393,
0.3156

 100.2137, 0.3278,
0.3214

 11.3008, 0.3440,
0.3132


128.4077, 0.3266,
0.3220

 6.2695, 0.3508,
0.3098

161.4483, 0.3256,
0.3225

 3.0097, 0.3613,
0.3045

199.7198, 0.3247,
0.3229

 1.1368, 0.3798,
0.2952

243.6067, 0.3240,

 0.0091, 0.9065,

0.3233

0.0276

293.4933, 0.3233,
0.3237

0.0000, 0.0000,
0.0000

40.8669, 0.3331,
0.3187

40.8669, 0.3331,
0.3187

33.9666, 0.3506,
0.3114

48.8759, 0.3188,
0.3257

28.1207, 0.3719,
0.3040

58.0340, 0.3072,
0.3322

23.2785, 0.3977,
0.2968

68.3861, 0.2978,
0.3381

19.3829, 0.4281,
0.2907

79.9733, 0.2901,
0.3436

16.3712, 0.4626,
0.2866

89.2684, 0.2834,
0.3428

■ 14.1728, 0.5000,
0.2855

■ 90.0788, 0.2768,
0.3289

■ 12.7063, 0.5373,
0.2885

■ 11.8729, 0.5709,
0.2958

■ 11.5958, 0.5858,
0.3001

Harmonies

Analogous

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



40.8669, 0.3164, 0.3067



40.8669, 0.3331, 0.3187



40.8669, 0.3445, 0.3335

Triad

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



40.8669, 0.3331, 0.3187



40.8669, 0.3259, 0.3595



40.8669, 0.2795, 0.3092

Complementary

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



40.8669, 0.3331, 0.3187



49.5424, 0.2957, 0.3396

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.



40.8669, 0.2820, 0.3231



40.8669, 0.3331, 0.3187



40.8669, 0.3084, 0.3529

Square

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



40.8669, 0.3331, 0.3187



40.8669, 0.3401, 0.3573



40.8669, 0.2924, 0.3394



40.8669, 0.2857, 0.3010

Rectangle

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



40.8669, 0.3331, 0.3187



40.8669, 0.3472, 0.3432



40.8669, 0.2924, 0.3394



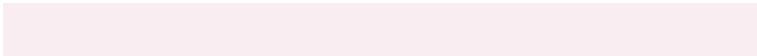
40.8669, 0.2794, 0.3133

Sweetspot

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



40.8687, 0.3331, 0.3187



87.4497, 0.3189, 0.3256



40.6917, 0.3070, 0.2915



18.5288, 0.3198, 0.3252



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.



40.8687, 0.3331, 0.3187



68.9526, 0.3384, 0.3164



42.8774, 0.3392, 0.3373



10.1223, 0.3247, 0.3227



7.7234, 0.5825, 0.2982



0.3458, 0.5167, 0.2620

Inverse Universe

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



40.8687, 0.3331, 0.3187



68.9526, 0.3384, 0.3164



47.1682, 0.2899, 0.3206



10.1223, 0.3247, 0.3227



7.7234, 0.5825, 0.2982



0.3458, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 40.8669, 0.3331, 0.3187 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 40.8669, 0.3331, 0.3187 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 40.8669, 0.3331, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 40.8669, 0.3331, 0.3187.



This preview shows how white text looks on a background with the Yxy color 40.8669, 0.3331, 0.3187.

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

40.8669, 0.3331, 0.3187

Protanopia

41.1446, 0.3103, 0.3222

Deuteranopia

40.9424, 0.3280, 0.3211



Tritanopia

40.7983, 0.3305, 0.3123

Trichromacy



Original Color

40.8669, 0.3331, 0.3187

Protanomaly

40.8037, 0.3177, 0.3196

Deuteranomaly

40.8360, 0.3301, 0.3199

Tritanomaly

40.7589, 0.3314, 0.3135

Monochromacy



Original Color

40.8669, 0.3331, 0.3187

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5903, 0.3202, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8669, 0.3331, 0.3187 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 172) }
```

Border

The CSS property to change the border of an element to Yxy 40.8669, 0.3331, 0.3187 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, 172) }
```

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

```
.border{ border-color:rgb(193, 164, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8669, 0.3331, 0.3187 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, 172) }
```

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

```
.background{ background-color: rgb(193,  
164, 172) }
```

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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