

Converting Colors

$Y_{xy}(40.7494, 0.33337, 0.3125)$

Have a look what the booklet for
Yxy(40.7494, 0.3337, 0.3125)
contains.

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Color

Yxy(40.6716, 0.3335, 0.3123)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C4A2AF |
| RGB | 196, 162, 175 |
| RGB Percent | 77%, 64%, 69% |
| CMY | 0.2312, 0.3648, 0.3136 |
| CMYK | 0.00, 0.17, 0.11, 0.23 |
| HSL | 337°, 22%, 70% |
| HSV | 337°, 17%, 77% |
| XYZ | 43.4325, 40.6716, 46.1283 |
| YIQ | 173.6480, 16.0910, 11.2510 |

Conversions

Conversions Part 2

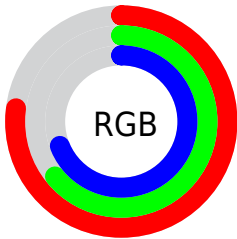
| Format | Color |
|-------------------------------------|--|
| RYB | 196, 162, 175 |
| Decimal | 12886703 |
| CIELab | 69.95, 14.67, -2.03 |
| CIELCh | 70, 14.806, 352.124 |
| Yxy | 40.6716, 0.3335, 0.3123 |
| Android (android.graphics.Color) | 4291076783 (0xFFC4A2AF) |
| YUV | 173.6480, 0.6665, 19.6027 |
| Hunter-Lab | 63.7743, 9.9598, 1.7572 |

Details

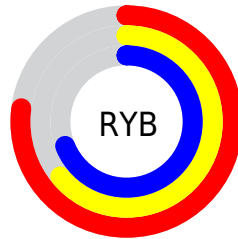
The Yxy color $40.6716, 0.3335, 0.3123$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.5980, 0.2957, 0.3464$, and the grayscale version is $42.1310, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2215, 0.3300, 0.3160$, and $18.3327, 0.3393, 0.3063$ is the 20% darker color. If you saturate the color by 10%, you get $33.8429, 0.3491, 0.3021$, and if you desaturate by 10%, it is $48.6232, 0.3207, 0.3221$.

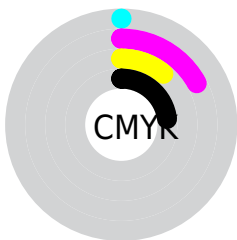
Distribution



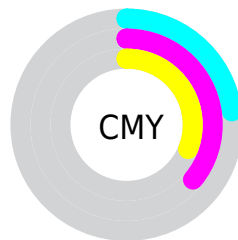
- Red (77%)
- Green (64%)
- Blue (69%)



- Red (77%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6716, 0.3335, 0.3123 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 40.6716, 0.3335, 0.3123 by changing the saturation by 10% instead.

 40.6716, 0.3335,
0.3123


 40.6716, 0.3335,
0.3123


348.9462, 0.3229,
0.3208

 28.0626, 0.3362,
0.3101


 76.1851, 0.3296,
0.3154

 18.3728, 0.3397,
0.3074


 99.8584, 0.3282,
0.3166

 11.2180, 0.3445,
0.3036


127.9886, 0.3269,
0.3175

 6.2137, 0.3513,
0.2983

160.9600, 0.3259,
0.3184

 2.9754, 0.3618,
0.2902

199.1570, 0.3250,
0.3191

 1.1189, 0.3801,
0.2763

242.9642, 0.3242,

 0.0000, 0.7226,

0.3197

0.0000

292.7658, 0.3235,
0.3203

0.0000, 0.0000,
0.0000

40.6716, 0.3335,
0.3123

40.6716, 0.3335,
0.3123

33.8429, 0.3491,
0.3021

48.6232, 0.3207,
0.3221

28.0809, 0.3679,
0.2918

57.7397, 0.3101,
0.3314

23.3324, 0.3902,
0.2820

68.0680, 0.3015,
0.3399

19.5378, 0.4162,
0.2736

79.6503, 0.2944,
0.3478

16.6309, 0.4454,
0.2677

89.2901, 0.2884,
0.3498

■ 14.5373, 0.4768,
0.2655

■ 90.0157, 0.2821,
0.3367

■ 13.1698, 0.5085,
0.2681

■ 90.4814, 0.2784,
0.3289

■ 12.4063, 0.5383,
0.2758

■ 12.2497, 0.5458,
0.2781

Harmonies

Analogous

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



40.6716, 0.3119, 0.2989



40.6716, 0.3335, 0.3123



40.6716, 0.3498, 0.3300

Triad

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



40.6716, 0.3335, 0.3123



40.6716, 0.3337, 0.3674



40.6716, 0.2715, 0.3077

Complementary

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



40.6716, 0.3335, 0.3123



50.5980, 0.2957, 0.3464

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.



40.6716, 0.2769, 0.3262



40.6716, 0.3335, 0.3123



40.6716, 0.3124, 0.3618

Square

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



40.6716, 0.3335, 0.3123



40.6716, 0.3497, 0.3620



40.6716, 0.2917, 0.3464



40.6716, 0.2766, 0.2958

Rectangle

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



40.6716, 0.3335, 0.3123



40.6716, 0.3551, 0.3423



40.6716, 0.2917, 0.3464



40.6716, 0.2721, 0.3134

Sweetspot

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



40.6734, 0.3335, 0.3123



91.6366, 0.3181, 0.3243



39.8893, 0.3029, 0.2849



19.3719, 0.3189, 0.3236



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.



40.6734, 0.3335, 0.3123



68.5143, 0.3393, 0.3083



41.6075, 0.3448, 0.3343



10.1403, 0.3230, 0.3202



7.8829, 0.5422, 0.2761



0.3541, 0.4818, 0.2428

Inverse Universe

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



40.6734, 0.3335, 0.3123



68.5143, 0.3393, 0.3083



49.3969, 0.2866, 0.3237



10.1403, 0.3230, 0.3202



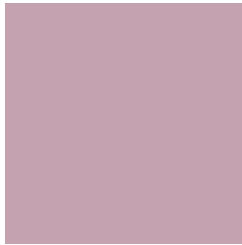
7.8829, 0.5422, 0.2761



0.3541, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 40.6716, 0.3335, 0.3123 looks on a white background.

Color Contrast Check

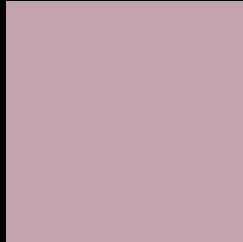
Large Text (above 18pt) WCAG AA × Fail

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 40.6716, 0.3335, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

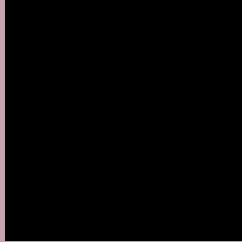
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6716, 0.3335, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 40.6716, 0.3335, 0.3123.



This preview shows how white text looks on a background with the Yxy color 40.6716, 0.3335, 0.3123.

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

40.6716, 0.3335, 0.3123

Protanopia

40.8154, 0.3062, 0.3154

Deuteranopia

40.7675, 0.3244, 0.3185



Tritanopia

40.6716, 0.3335, 0.3123

Trichromacy



Original Color

40.6716, 0.3335, 0.3123

Protanomaly

40.6755, 0.3162, 0.3143

Deuteranomaly

40.9134, 0.3283, 0.3173

Tritanomaly

40.6716, 0.3335, 0.3123

Monochromacy



Original Color

40.6716, 0.3335, 0.3123

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7505, 0.3202, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6716, 0.3335, 0.3123 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(196, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 175)  
}
```

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(196, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 175) }
```

Border

The CSS property to change the border of an element to Yxy 40.6716, 0.3335, 0.3123 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(196, 162, 175) }
```

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

```
.border{ border-color:rgb(196, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6716, 0.3335, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 175) }
```

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

```
.background{ background-color: rgb(196,  
162, 175) }
```

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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